

# Transforming churches into theaters in the Habsburg Monarchy: Economy versus Character in the Josephist architectural policy

Raluca Muresan

### ▶ To cite this version:

Raluca Muresan. Transforming churches into theaters in the Habsburg Monarchy: Economy versus Character in the Josephist architectural policy. Maximilian Hartmut, Georg Vasold, Richard Kurdiovsky, Julia Rudinger (dir.), The Governance of Style: Public Buildings in Central Europe, ca. 1780-1918, Böhlau, 2023, 978-3-205-21754-1. hal-04315499

## HAL Id: hal-04315499 https://hal.sorbonne-universite.fr/hal-04315499

Submitted on 6 Jan 2024

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers. L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



Maximilian Hartmuth, Richard Kurdiovsky, Julia Rüdiger, Georg Vasold (eds.)

# THE GOVERNANCE OF STYLE

Public Buildings in Central Europe, 1780–1920



Maximilian Hartmuth, Richard Kurdiovsky, Julia Rüdiger, Georg Vasold (eds.)

# THE GOVERNANCE OF STYLE

Public buildings in Central Europe, 1780–1920

BÖHLAU



This publication forms part of a project that received funding from the European Research Council (ERC) under the European Union's Horizon 2020 research and innovation programme (Grant agreement No. 758099 – project "Islamic Architecture and Orientalizing Style in Habsburg Bosnia, 1878–1918", 2018–23, PI: Dr. Maximilian Hartmuth, ercbos.univie.at).

Open Access: This publication is licensed under a Creative Commons Attribution – Non Commercial – No Derivates 4.0 International (CC BY-NC-ND 4.0). For a copy of this license go to https://creativecommons.org/licenses/by-nc-nd/4.0/.



https://doi.org/10.7767/9783205217541

This publication was subject to peer review (anonymous/international/single-blind).

Deutsche Nationalbibliothek Cataloging-in-publication data: http://dnb.d-nb.de

© 2023 Böhlau, Zeltgasse 1, A-1080 Vienna, an imprint of the Brill group (Koninklijke Brill NV, Leiden, Niederlande; Brill USA Inc., Boston MA, USA; Brill Asia Pte Ltd, Singapore; Brill Deutschland GmbH, Paderborn, Deutschland; Brill Österreich GmbH, Wien, Österreich)
Koninklijke Brill NV contents the Imprints Brill, Brill Nijhoff, Brill Hotei, Brill Schöningh, Brill Fink, Brill mentis, Vandenhoeck & Ruprecht, Böhlau und V&R unipress.

Cover illustration: "Normalplan für ein größeres Bezirksamtsgebäude, Façade" [ca. 1885] intersecting with "Neubau des Konaks in Travnik, Façadenvariante, nach einer Scizze d. Arch. Iveković" [ca. 1891]. Source: Kantonalni Arhiv Travnik.

Cover design: Michael Haderer, Vienna Layout and type setting: Michael Rauscher, Vienna Printing and binding: Prime Rate, Budapest Printed on acid-free and chlorine-free bleached paper Printed in the EU

Vandenhoeck & Ruprecht Verlage | www.vandenhoeck-ruprecht-verlage.com

ISBN 978-3-205-21753-4 (print) ISBN 978-3-205-21754-1 (OpenAccess)

### **Table of Contents**

Introduction
Anna Mader-Kratky (Vienna) Bureaucratic architecture: Josephist attempts to reform the public works administration in the Habsburg Monarchy in the 1780s
Raluca Mureşan (Paris) Transforming churches into theaters in the Habsburg Monarchy: <i>Economy</i> versus Character in Josephist architectural policy
Marcus van der Meulen (Aachen) The appearance of public building(s) in Constitutional Congress Poland, 1815–31 55
Elke Katharina Wittich (Hannover) Schinkel's model solutions for the Prussian state's building program
Richard Kurdiovsky (Vienna)  The state's public buildings in pre-revolutionary Vienna
Andrea Mayr (Vienna)  REI MONETARIAE – Paul Sprenger's Imperial-Royal Central Mint in Vienna as a representative example of pre-March era public buildings
Jindřich Vybíral (Prague) Prague's old city hall renewal of the 1830s: Count Thun's battle against "that donkey of a building"
Harald R. Stühlinger (Basel) Art as a public matter: Architectural competitions in the aftermath of the 1848 revolution
Guido Zucconi (Venice) After town halls: Savings banks as local symbols of liberal Italy
Frank Rochow (Cottbus) Theophil von Hansen's House of Invalids in L'viv: The quest for an appropriate style 185

### 6 Table of Contents

Dragan Damjanović (Zagreb) School architecture on the Habsburg Empire's southern fringes: The fragmented politics of architectural design in the regions of today's Croatia between the mid-19 <sup>th</sup> century and 1918	209
Miroslav Malinović (Banja Luka) Unifying and diverse? The architecture of school buildings in Banja Luka under Austro-Hungarian rule (1878–1918)	229
Ajla Bajramović & Caroline Jäger-Klein (Vienna)  From Ottoman <i>konak</i> to <i>Bezirksamt</i> : The creation of Travnik's Austro-Hungarian administrative complex	241
Mattia Guidetti (Bologna) Sarajevo's city hall as seen from Cairo	259
Julia Rüdiger (Linz) Habsburg <i>madrasa</i> or Euro-Islamic university? Forms and typologies of Sarajevo's Islamic Law School ( <i>Scheriatsrichterschule</i> )	281
Maximilian Hartmuth (Vienna)  Power-sharing as a design problem: Public administration architectures between  Vienna and Sarajevo on the eve of modernity	299
Wolfgang Göderle (Graz) Imperialism, statehood, and public infrastructure in the Habsburg Anthropocene $$	315
Andrea Baotić-Rustanbegović (Munich) Competing visions: The unrealized project for the Bosnian-Herzegovinian parliament building in Sarajevo (1911–14)	335
Richard Kurdiovsky (Vienna)  The scope of Austria-Hungary's public construction authorities: The case of the Archaeological Museum in Split	359
Matthew Rampley (Brno) Building for the departed: Free thinking, secular politics and crematorium design in Central Europe, 1873–1932	373
Index of persons	391 399

# Transforming churches into theaters in the Habsburg Monarchy: *Economy* versus Character in Josephist architectural policy

This study draws attention to an unexplored, yet significant phenomenon among the Early Modern period's urban architectural practices: the reuse of a building, the act of transforming one architectural program into another. The precise type of reuse examined here – the conversion of churches into public theatres – is particularly intriguing for two reasons. First, reusing former monasteries already proved to be a central issue in the Habsburg Monarchy in the aftermath of the Jesuit orders' dissolution in 1773, and after all contemplative orders' abolishment in 1782. Second, this type of reconstruction implies the mixture of two architectural programs featuring different visual markers that express the character of each.

Character and economic efficiency are two concepts central to European architectural theory in the second half of the 18<sup>th</sup> and the early 19<sup>th</sup> century. The terms "character" and "appropriateness" refer to the suitability of all of a building's visual aspects for representing its function and the social status of its owner. Developed mainly in the French treatise of the former Jesuit monk Marc-Antoine Laugier, then by Jacques-François Blondel and Le Camus de Mézières,<sup>2</sup> the theory of character played a relevant role in some of the treatises published in the Holy Roman Empire and in the eastern Habsburg lands.<sup>3</sup> It is also found in the writings of Christian Rieger, a leading figure among the Habsburg Monarchy's building specialists. In 1747–60, he was mathematics teacher at the Viennese *Theresianum*, the most

French caractère; German Charakter. French convenance, bienséance; German Angemessenheit. The two concepts are used with this common meaning by Jacques-François Blondel (1771), while Marc-Antoine Laugier uses mainly the term bienséance and Germain Boffrand (1745), Le Camus de Mézières (1780) and Quatremère de Quincy (1788) prefer the term caractère. I am therefore using them here as mere synonyms, even if slight variations of meaning differentiated these two concepts' significance in 17th and 18th century architectural theory. For a general presentation of these concepts see Werner Szambien, Symétrie, goût, caractère: théorie et terminologie de l'architecture à l'âge classique 1550–1800 (Paris: Picard, 1986), pp. 167–199.

<sup>2</sup> Aside from Marc-Antoine Laugier (Essai sur l'architecture, Paris, 1754), other architects also used the concept, especially Jacques-François Blondel (Cours d'architecture, II, Paris, 1771), Germain Boffrand (Livre d'architecture, Paris, 1745), and Le Camus de Mézières (Le Génie de l'architecture ou l'analogie de cet art avec nos sensations, 1780). See Werner Szambien, Symétrie, goût, caractère, pp. 174–179.

For the Holy Roman Empire, see the analysis of the anonymous Untersuchungen über den Charakter der Gebäude (1785). According to Jörg Biesler, the sensualist interpretation of the notion of character promoted by Boffrand and by Le Camus de Mézières had the largest echo in German architectural theory in the 18<sup>th</sup> century. Jörg Biesler, BauKunstKritik: Deutsche Architekturtheorie im 18. Jahrhundert (Berlin: Reimer, 2005), pp. 193-224.

prestigious noble academy in the Habsburg lands devoted to high bureaucrats' education. As for economic efficiency, it is a concept often linked to French Empire architecture. Here efficiency is, nonetheless, to be studied in the narrower sense of the reduction of those expenses accepted by the Holy Roman Empire's cameralist tradition. Such an interest in finance had undergone an early and notable development in the Habsburg Monarchy since the establishment of the Court Board of Works (*Hofbauamt*) under the authority of the Court Chamber in 1772. Then, in 1780, Joseph II explicitly asked the new Superior Building Directorate (k. k. Oberhofbaudirektion) to cease new ambitious building projects, in order to "focus rather on preserving existing buildings and gardens [...] as economically as possible, by making only the most indispensable expenses."

All relatively important construction works of the time had to observe the requirements of economy as well as of character or appropriateness. As a consequence of the quest for fiscal responsibility urged by Joseph II since 1780, transforming existing buildings appeared to be an appropriate option. But to what extent did such a reuse practice fit the character of the church buildings' newly transformed function? Moreover, the public theatre was an emerging architectural task in the Habsburg Monarchy's towns, and its formal characteristics were still the object of intense debates. According to the theory of character, theatre halls needed good acoustics and visibility, while their façade and inner decoration had to be joyful, open towards the city, and possess lavishly adorned rooms for the public. If reusing a former church is in itself an expression of the quest for thrift, does that mean that issues regarding character were necessarily neglected? In other words, is there a contradiction between the interest in character and economic considerations?

I will answer these questions through an analysis of the specific economic, functional, and aesthetic debates occurring during the churches' transformation into theatres. To what extent were former convents architecturally transformed in order to suit their new function? Were such adaptations necessarily seen as second-hand buildings? I will explore three complementary directions: First, I will survey the historiography of reuse. Second, I will explain the scale of this reuse practice, by analysing the profiles of the actors involved in the decision-making process, as well as those that managed the diffusion of the information on such

<sup>4</sup> Laugier had an important impact on the Habsburg Monarchy, as evidenced in the treatise of Christian Rieger. See Christian Rieger, *Universae architecturae civilis elementa* (Vienna: Johann Thomas Trattner 1756). See also Adam Németh, "A városépítészet mint a kormányzati tudás eleme a 18. századi Bécsben: a Lipótváros Schilson-féle tervének intézményi összefüggései," *Urbs* 12 (2018), pp. 229–256, here pp. 235–238.

Georges Teyssot, "Types, programmes et régularités: La diffusion des principes architecturaux au sein du Conseil des bâtiments civils sous le Consulat et l'Empire," Villes et territoire pendant la période napoléonienne (France et Italie): Actes du colloque de Rome (3-4 mai 1984) (Rome: École Française de Rome, 1987), pp. 231-245, here pp. 238-239. Werner, Szambien, Symétrie, goût, caractère, p. 158.

<sup>6</sup> On cameralist thinking's reception in German architectural theory, see Biesler, BauKunstKritik, pp. 79-83.

<sup>7</sup> See also Mader-Kratky's contribution to this volume, as well as Anna Mader-Kratky, "Karrieremodelle im Wiener Hofbauamt des 18. Jahrhunderts," Präzedenz, Netzwerke und Transfers: Kommunikationsstrukturen von Herrscherhöfen und Adelsresidenzen in der Frühen Neuzeit, ed. Gerhard Ammerer, Ingonda Hannesschläger, Milan Hlavačka, and Martin Holý (Leipzig: Leipziger Universitätsverlag, 2016), pp. 149–168.

theatres installed in former churches. Finally, I will review the different formal solutions utilized in order to transform a church into a theatre, as well as the disputes that emerged during the rebuilding process.

### Transforming former convents into public spaces: a historiographical gap

After 1782, when Joseph II abolished contemplative orders, a huge number of unused buildings became available. Thus, during the 1780s and 1790s many former monasteries hosted public and military offices, schools, hospitals, and various commercial spaces. More than half of the former convent-churches became local parishes or were used by other monastic orders, yet many others were adapted for secular activities. Entire urban districts received a new shape and a new institutional character thanks to the former convents' transformation into buildings used for other purposes.

Yet, architectural scholarship has previously mistreated such practices of reuse, suggesting that they were mere improvisations, and thus held a lesser quality by architectural standards. For instance, in Renate Wagner-Rieger's eyes, secularised convents' architectural transformation did not present any "importance from an artistic point of view" even if she acknowledged that they may be interesting from a cultural and historical point of view.9 Architectural historians have focused mainly on original constructions conceived by well-known architects. Reuse is, however, not only extremely common in the field of urban development, but it can also be the object of complex aesthetical and technical considerations. In Central Europe, this phenomenon was explored in more detail only in the Kingdom of Hungary. In particular, István Nagy and György Kelényi have emphasized that the transformation of Buda's old cityscape into an administrative capital city was achieved thanks to the readaptation of former convents. 10 More recently, Márta Velladics has provided a more comprehensive study of the fate of property and movable assets belonging to the Kingdom of Hungary's abolished contemplative orders. Realized thanks to a thorough study of the Religions fonds archives, Velladics's research presents a statistical analysis that reveals the ratio of each kind of reassignment of Hungary's former convents. However, this research does not deal with the ways in which readaptations worked, or were conducted and evaluated, from an architectural

<sup>8</sup> Márta Velladics presents a precise statistical analysis revealing the ratio of each kind of reassignment in the Kingdom of Hungary, see Márta Velladics, *A II. Józsefbeli szerzetesrendi abolíció művészettörténeti vonatkozásai* (PhD diss., Eötvös Loránd University, Budapest, 2001), p. 107.

<sup>9</sup> Renate Wagner-Rieger, Wiens Architektur im 19. Jahrhundert (Vienna: Österreichischer Bundesverlag für Unterricht, Wissenschaft und Kunst, 1970), p. 54.

<sup>10</sup> Nagy István, "II József reformjai Budán," Tanulmányok Budapest Multjából 15 (1963), pp. 363–402. According to Nagy, esthetical considerations seldom came up during the rebuilding processes. In Buda, the architect Franz Anton Hillebrandt had been assigned to pay attention only to the creation of a new aesthetic for the parliament's façade (Land-Haus). György Kelényi, A klasszicizalo késöbarokk épitészete Magyarorszagon (Dr. Hab. Hungarian Academy of Sciences, 2005), pp. 213–222.

point of view. In other countries of the former Habsburg Monarchy, this perspective has been largely neglected.11

On a European scale, the phenomenon of assigning former convents to new purposes has been seen above all as a consequence of the French Revolution. 12 However, French historiography still lacks a thorough study of secularised convents' architectural adaptation during the French First Empire. Recently, Pierre Pinon has addressed this issue in a short article, in which he also emphasizes the ambiguous link between the quest for "character" and the requirements for economy and efficiency imposed by the Conseil des Bâtiments Civils founded in 1796. 13 Only rare research, focussing on a few case studies or dealing with the economical building policies promoted by the Conseil des Bâtiments Civils, briefly mentions the architectural stakes of the reuse phenomenon.14 The massive and large-scale consequences of the architectural reforms implemented under Joseph II are still largely neglected outside of Central Europe.

In the Austrian Duchies and in Galicia, several theatre-historians have briefly mentioned the frequent development of theatrical spaces installed in former churches from the 1780s up to the beginning of the 19th century. 15 Controversies concerning this specific kind of reuse

<sup>11</sup> Only recently, Anna Mader-Kratky has pointed to some of the adaptations of former convents in her work on Johann Ferdinand Hetzendorf von Hohenberg. See Anna Mader-Kratky, Der Wiener Hofarchitekt Johann Ferdinand Hetzendorf von Hohenberg (1733-1816) (PhD diss., University of Vienna, 2017), pp. 152-154.

<sup>12</sup> For instance, Giulianna Ricci, in her book on Italian theatre architecture, states that transformation of churches into theatres may have been the result of French influences, see Giuliana Ricci, I teatri d'Italia: dalla Magna Grecia all'Ottocento (Milan: Bramante Editrice, 1971), pp. 194-195. Ursula Quecke also sees the replacement of the churches by theatres as an influence of French Enlightenment, see Ursula Quecke, "Aspekte des Oberitalienischen Theaterbaus vom 16.-19. Jahrhundert," Teatro: Eine Reise zu den oberitalienischen Theatern des 16.-19. Jahrhunderts, exhib. cat. Österreichisches Theatermuseum, eds. Siegried Albrecht, Ulrike Dembski, Susane Grötz, Erwin Herzberger, and Ursula Quecke (Marburg: Jonas Verlag, 2001), pp. 14–27, here p. 26. These authors present the examples of the theatres in Argenta (1802), Adria (1803), Ancona (1810), Vigevano (1800), the Filodramatico theatre in Milan (1798), as well as those built in place of demolished churches in Radegonda and Carcano Lentasi, or the la Scala in Milan.

<sup>13</sup> Pierre Pinon stresses the fact that even if reappropriation of former convents was theoretically possible as early as 1792, it is only during the Napoleonic period that such architectural projects were drawn. Pierre Pinon, "La grande mutation des couvents sous l'Empire," L'Architecture de l'Empire entre France et Italie, eds. Letizia Tedeschi, Daniel Rabreau (Mendrisio: Mendrisio Academy Press/ Silvana Editoriale, 2012), pp. 83-94, here pp. 83-84.

<sup>14</sup> Lauren M. O'Connel, "Redefining the past: Revolutionary architecture and the Conseil des Bâtiments Civils," The Art Bulletin 77/2 (June 1995), pp. 207–224, here pp. 209–210; Georges Teyssot, "Type, program and regularity: The diffusion of architectural principles in the Conseil des Bâtiments Civils at the beginning of the nineteenth century in France," Princeton Journal of Architecture 3 (1989), pp. 119–137; D. Hermant, "Destructions et vandalisme pendant la Révolution française," Annales: Économies, sociétés, civilisations 33/4 (1978), pp. 703-719; Tatiana Bailleul, "Les enjeux de la reconversion des couvents nationalisés sous la Révolution française: le cas du Grand Couvent des Cordeliers de Paris (fin XVIII<sup>e</sup>-début XIX<sup>e</sup> siècle)," *Actes des congrès nationaux des* sociétés historiques et scientifiques 137/5 (2014), pp. 117-129.

<sup>15</sup> Kazimierz Nowacki, Dzieje teatru w Krakowie: Architektura krakowskich teatrów (Krakow: Wydawnictwo Literackie, 1982), pp. 32–40. Jerzy Got, Das österreichische Theater in Krakau im 18. und 19. Jahrhundert (Vienna: Österreichische Akademie der Wissenschaften, 1984), p. 22. Jerzy Got, *Das österreichische Theater in Lemberg im 18. und 19. Jahrhundert: aus dem Theaterleben der Vielvölkermonarchie*, I (Vienna: Österreichische Akade-

were also mainly conducted from the perspective of Enlightenment studies in which theatre and church are outlined as rival institutions. <sup>16</sup> Even though these studies stress the reuse phenomenon's widescale character, as well as its importance for urban development, they rarely discuss its impact on the architectural level.

For all these reasons, the present research is also relevant from a historiographical point of view, as it draws attention to the large scale, complexity, and early character of such architectural transformations in the Habsburg Monarchy. Furthermore, it deepens our understanding of the ways in which concepts of architectural quality, as discussed in theoretical writings and in administrative reforms of building matters, were practically applied in ordinary building projects.

# Making a theatre out of a church: frequency, actors, reasons, and judgements

In his report from Vienna written on November 1, 1780, Jakob Friedrich von Stockmayer described "a century when churches are often transformed into theatres and ballrooms for the public".<sup>17</sup> This image has become a *topos* widely disseminated in Enlightenment studies. But what was the actual frequency of the transformations and what were the circumstances surrounding the practice in the Habsburg Monarchy?

Out of a total of approximately fifty theatre construction projects designed between 1770 and 1815, no less than fourteen concerned adaptations of former churches (table). Ten were actually executed, yet only three survive to this day: one in Steyr (Upper Austria – fig. 8), one in Wiener Neustadt, and another in Buda (Hungary – fig. 1). Along with ballroom halls, administrative buildings, and dwellings, churches were among the constructions frequently transformed into theatres. <sup>18</sup> Such theatres were often the first durable buildings entirely des-

mie der Wissenschaften, 1997), p. 45. Franz Pfeffer, "150 Jahre Steyrer Stadttheater: Zur Theatergeschichte der Stadt Steyr," *Veröffentlichungen des Kulturamtes der Stadt Steyr* 19 (1959), pp. 37–42; Juliana Neuhuber, *Das alte Steyrer Stadttheater: Ein Abriss der Steyrer Kulturgeschichte* (master thesis, University of Vienna, 2004), p. 16.

<sup>16</sup> Beside the already mentioned studies of Jerzy Got, see also Adam Németh, "The church of Saint James and Saint Philip in Nyitraszerdahely and the stakes of church building during the Josephine reforms." Paper presented at the Vienna conference Baroque parish churches and their decoration: A new field of research. The research group for Baroque Ceiling Painting in Central Europe (BCPCE), October 23 – October 25, 2017. Hans Lange, Vom Tribunal zum Tempel: Zur Architektur und Geschichte deutscher Hoftheater zwischen Vormärz und Restauration (Marburg: Jonas Verlag, n.d. [1985]), p. 28.

<sup>17</sup> I owe this quotation to Gernot Mayer. Landesarchiv Baden-Württemberg, Hauptstaatsarchiv Stuttgart, A 10, 2,
Berichte von Stockmayer aus Wien 1780: "Le Prince d'Auersperg a dessein, dit-on, de convertir en chapelle le
théatre de [Franz Jakob] Scherzer. Cet éxample seroit bien étonnant dans un siècle accoûtumé à voir changer les
Eglises en Salles aux Spectacles, ou à [?] danser pour la comodité du Public."

<sup>18</sup> According to the statistical analysis made by Marta Velladics, based on a study of the Religions fond of the Kingdom of Hungary, reassignments of former churches for theatrical purposes seem an isolated phenomenon. In her study, only 14.81 % of the monastic buildings were repurposed for cultural or social activities. In contrast,



Fig. 1. Main façade of the former theatre and casino, installed in the former Carmelite Convent in, Buda. Photograph by the author, 2010.

ignated for theatrical performances in their towns. Previous stages were usually erected either in wooden huts, or in halls belonging to a diverse range of buildings.

Buda and L'viv were two administrative metropolises that had such theatres installed in a former church, in 1786 and 1789 respectively. In both cases, the decision to transform the church was made by the central administration leaders of each land – that is count Kristóf Niczky, president of the Hungarian Lieutenancy Council in Buda, and Galicia's governor, Count Joseph Brigido, in L'viv. The theatrical impresario Franz Heinrich Bulla also played an important role in both the Hungarian and Galician capitals. He proposed to temporarily reuse the Buda church as early as 1785, and, after moving to L'viv in 1789, he became the patron of its new theatre. Peconstruction works were conducted by provincial public building

the survey from my PhD dissertation, based on the archives of several offices of public works, points to several other examples and suggests the frequent nature of functional conversions for theatrical purposes. Raluca Muresan, Bâtir un temple des muses: une histoire sociale, culturelle et politique de l'architecture des théâtres publics dans la partie orientale de la Monarchie des Habsbourg (vers 1770–1812) (PhD diss., Sorbonne-Université, 2020), pp. 388–390. See also Velladics, A II. Józsefbeli szerzetesrendi, p. 79.

<sup>19</sup> Even if Franz Heinrich Bulla is sometimes described as the patron of both theatres, it is important to note that his demand submitted to the Buda Lieutenancy Council was refused, and the church was transformed according to the plans drawn up by Wolfgang von Kempelen in response to the order given by Joseph II to count Kristóf Niczky. Alice Reininger, *Wolfgang von Kempelen: Eine Biographie* (Vienna: Praesens Verlag, 2009), p. 222. In Ľviv, even if the impresario was the patron, the governor already intended to install a theatre near the former

authorities (*Landesbaudirektionen*), and in Buda they were paid through a loan provided by the Royal Chamber, while the theatre became the municipality's property.<sup>20</sup> In L'viv, Franz Heinrich Bulla paid the construction expenses, while the Chamber provided a financial support of 4,000 florins. Notably, none of the engineers working for the two *Landesbaudirektionen* seemed to have been involved in the theatres' construction, even if their influence had grown since the reforms implemented in 1788.<sup>21</sup> All plans and reports were instead signed by chief architects or chief directors. In Hungary, the *Landesbaudirektion* was presided over by the famous inventor Wolfgang von Kempelen, whereas in Galicia the Cameral Building Direction of the *Gubernium* was led by Gottfried Mörz.

In smaller towns, such as Steyr (1796) and Wiener Neustadt (1792–94), projects for former churches' reuse were mainly presented as an opportunity for the municipality to possess its own theatre, and to reject projects from private investors.<sup>22</sup> In this regard, reusing practices served to promote the viability of a city-owned public theatre. According to a conception widely diffused at the end of the 18<sup>th</sup> century, a publicly-owned theatre was supposed to better serve the urban community's global progress, unlike one owned by a private investor.<sup>23</sup>

In Maribor, local citizens founded a theatrical committee in 1785. They acquired the *Freihaus* structure, belonging to a former Cistercian convent, and redesigned it in order to organize amateur performances as well as host itinerant theatrical troops.<sup>24</sup> As this first theatrical space was not considered suitable enough, the same committee of local citizens in 1806 requested permission to reuse the former Celestin church, and in 1810, the Holy Spirit Church next to the municipal hospital.<sup>25</sup> The first two theatrical halls converted from former churches had only a brief existence, but the latter was in use until 1851. Also in Chrudim, several local citizens financed a theatre following the initiative of the regional *Haupt*-

church before the arrival of Franz Heinrich Bulla. See a plan of the former Franciscan convent's quarter dating from 1787, in which a location for a theatre is already provided next to the church. CSHAUL [Central State Historical Archives of Ukraine in Ľviv.], F 726, Opis n° 1/ Sprava 1359, fol. 3. I thank Ulyana Uska for helping me during my research stay in Ľviv.

<sup>20</sup> Muresan, Bâtir un temple des muses, pp. 673-674.

<sup>21</sup> In the aftermath of the unification of the water and civil works offices, the former hydraulic offices' (Wasserbaudirektion) chief engineers were designated chiefs of the newly created Landesbaudirectionen. It was the case of engineer Stanislas Heppe in Buda since 1788, and also of engineer Liesganiq in Ľviv in 1792. Liesganiq thus became the chief of Gottfried Mörz. OeStA, NHK, OeKaale, Fasz 11, N° 689/928 ex mars 1792 (Liesganiq's appointment as the head of the office); László Bendefy, "A magyar kamarai mérnöki intézmény kialakulása, 1650–1850," Levéltári Szemle, 20/3 (1970), pp. 548–571, here pp. 562–564.

<sup>22</sup> Neuhuber, Steyrer Stadttheater, pp. 20-22; Peter Zumpf, Chronik eines Theaters: Wiener Neustadt 1794-1994 (Wiener Neustadt: Merbod, 1994), p. 18.

<sup>23</sup> For the debate concerning the utility of a public theatre, see Elisabeth Großegger, Das Burgtheater und sein Publikum, II/1: Pächter und Publikum (Vienna: Österreichische Akademie der Wissenschaften, 1989), pp. 70–73.

<sup>24</sup> Bruno Hartman, "Das deutsche und das slowenische Theater in Maribor," Kulturelle Wechselseitigkeit in Mitteleuropa: Deutsche und slowenische Kultur im slowenischen Raum vom Anfang des 19. Jahrhunderts bis zum zweiten Weltkrieg, ed. Feliks J. Bister and Peter Vodopivec (Ljubljana: Oddelek za zgodovino Filozofske fakultete Univerze v Ljubljani, 1995), p. 208.

<sup>25</sup> Hartmann, Theater, p. 209.

*mann* Markvart Josef Koc, who bought the former chapel of St John the Baptist for that purpose.<sup>26</sup> Finally, the impresario Franz Weilhammer in Zagreb (1788) and Ludwig Wothe from Krakow (1797) also applied for the right to reuse a former church, just as the theatrical impresario Franz Heinrich Bulla had done in Buda and Ľviv.

As shown above, the actual patrons' and promoters' profile was relatively diverse. One may, thus, only rarely draw a direct link between the patron's profile and the choice for a specific type of reuse. The former churches' location was also an important criterion when it came to their desirability and their patrons' status. While centrally based churches, such as those in Buda and L'viv, attracted several important promoters, those located toward the periphery of urban areas could remain empty for several years, as in Zagreb.<sup>27</sup>

The economic factor was without any doubt the main reason for the former churches' reuse in all cases. This is evidenced by the fact that several of these transformations followed the rejection of more ambitious theatre building projects in which a new construction or a complete reconstruction was required. In Buda, Franz Anton Hillebrandt had drawn up a project estimated in 1786 to 105,000 Florins. The plans are now lost, but we know that the design was supposed to follow the model of the theatre erected in 1774–76 in Bratislava.<sup>28</sup> In L'viv, the printer Thomas Johann von Trattner intended in 1783–84 to construct an ambitious building, at his own expense, in return for a long list of privileges guaranteed by the central authorities. As a consequence of his list of privileges, his project was declared financially untenable for the city.<sup>29</sup>

Varying from around 1,014 florins 80 ½ kreuzer, as in Steyr,<sup>30</sup> up to cca. 40,000 florins,<sup>31</sup> as in Lviv, the complete transformation of a church for theatrical purposes was indeed around two times cheaper than an entirely new theatre building. This is not only because the structures were reused, but also because building materials were extracted from partially demol-

<sup>26</sup> Jan Puckert, "Chrudim Theatre", online Database *Theatre Architecture in Central Europe* grounded by the Arts and Theatre Institute of the Czech Academy of Sciences, Prague, https://www.theatre-architecture.eu/en/db/? filter %5Bcity %5D=Chrudim&theatreId=1337 (accessed April 8, 2021).

<sup>27</sup> The Minorite Church in L'viv was initially meant to serve as a library for the Normalschule installed in the former convent (see CSHAUL, F742, Opis 1, Sprava 1,514). In Steyr, the Ursulines attempted to create a school in the convent in 1782 (see Neuhuber, Steyrer Stadttheater, p. 17). The convent in Buda was initially meant to be entirely transformed into lodgings for statesmen (see Reininger, Wolfgang von Kempelen, pp. 220–221; MNL-OL, A39, 1786, n° 3,850, fol. 9–20). In exchange, the convent in Zagreb, located next to the city walls, was left empty for several years (see MNL-OL, E 44, book 2 (1784), microfilm X 20,981, doc. n° 2/12).

<sup>28</sup> MNL-OL, C51, 1785/6, Fasc. 15/14, n° 10,871, fol. 3.

<sup>29</sup> The plans for the theatre project of Johann Thomas von Trattner were published by Hristina Kovalčuk, and the entrepreneurial particularities were analysed by Jerzy Got. CSHAUL, F.146, Opis 88, Sprava 1,333, fol. 20–21 (doc. October 31, 1783); Got, Theater in Lemberg, p. 25; Hristina Kovalčuk, Osoblyvosti architektury Lvova XVIII-peršoyi polovyny XIX st., (Ľviv: Liha Press, 2005), table 2.9.

<sup>30</sup> Neuhuber, Steyrer Stadttheater, p. 24-25.

<sup>31</sup> Estimation of all building expenses from 1792, when a brand-new wing for a redoute (*Redoutenhaus*) was added to the initial theatre built in 1789. The building process's first phase, dating from 1789, was estimated at 12,113 florins and 39 kreuzer. Another 13,116 florins were engaged for further works during the next two years. Finally, the redoubte's construction costs were ca. 40,000 florins in 1792–94. Got, *Theater in Lemberg*, pp. 47–69.

ished structures. For instance, in Buda, where the expenses reached 28,362 florins 45 kreuzer, bricks from the church's former entrance were reused for the theatre façade's decoration. Stones were reused for the walls of the three garden *gloriettes*, as well as for the *casino* terrace's lateral walls. Even the theatre stage's weights were made of recovered stones. Fragments from the old roof were also reused for the newly created one.<sup>32</sup>

In order to better understand how the interest for the reuse of former churches increased relatively suddenly and on a large scale within a space of only twenty years, one should, above all, take a closer look at the actors involved in these architectural projects' evaluation. An overview of the administrative procedures concerning a former church's reassignment to another purpose shows that central authorities had an important role to play in the entire process. The reason is that former convents' property belonged to the so-called *Religionsfond*, a fund under the Imperial Court Chancellery's legislation. Such projects were usually discussed in the assemblies of each country's central administrations, and three were even recorded in the minutes of the Courtly State Council (*k. k. Staatsrat*) in Vienna.<sup>33</sup> Therefore, news about theatres installed in former churches may have been spread via the administration thanks to the relatively broad echo given to such practices amongst bureaucrats. Statesmen belonging to central administrations supported all of the initiatives that this study addresses: besides the already mentioned Counts Niczky and Brigido, it was also the case of the Ban of Croatia, count Ferenc Balassa, and of the Prince Johann Nepomuk Friedrich Lamberg in Steyr.<sup>34</sup>

Moreover, news about a transformation from a church to a theatre was also diffused in the press, and thus became familiar to theatrical impresarios and all sorts of theatre lovers. The theatre in Lviv is described only in the *Neuer Kurier aus Ungarn von Kriegs- und Staatssachen* and in the *Annalen des Theaters* in Berlin in 1789.<sup>35</sup> News of the theatre installed in Buda's former Carmelite church received the most widespread transmission, with no less than five descriptions circulating all over the Habsburg Monarchy and the Holy Roman Empire. The first description appeared in 1788 in a local publication. The same year, a long description of the theatre built in the Hungarian capital appeared in the section designated "Artworks – New Theatres" in Gotha's *Theater-Kalender*. An abstract of that article was published the same year in Hannover's *Dramaturgische Blätter*, another description appeared in 1789 in Buda's *Ungarische Staats- und Gelehrte Nachrichten*, and a final article was in Frankfurt's *Allgemeine Theater-Journal* in 1792.<sup>36</sup> In the aftermath of the theatre's inauguration, the parish priest

<sup>32</sup> FVL, IV, 1002 [Buda] hh [Acta Theatralia], fol. 455–457. Quittance n° 137 on the repartition of the construction materials for the theatre and casino. For the building expenses estimate, see MNL-OL, A 39, 1786, n° 12,220.

<sup>33</sup> OeStA, HHStA, SRP, RP, 1786: n° n° 3,142, n° 3,351; 1787: n° 1,152; 1788: 3,873 (on the theatre in Buda); 1789: n° 2,628; 1792: 2,765, 3,154 (on the theatre in Lviv); 1797: 3,409 (about the theatre in Krakow).

<sup>34</sup> Neuhuber, Steyrer Stadttheater, p. 24.

<sup>35</sup> Der Neue Kurier aus Ungarn von Kriegs- und Staatssachen 69 (1789), ed. Christian Hieronymus Moll, pp. 567–568; Annalen des Theaters (Berlin) (1790), ed. Christian August Bertram, p. 102.

<sup>36</sup> Etwas zum neuen Jahr den hohen Gönnern und Freunden beider königl. Städtischen Theater von Ofen und Pest gewidmet im Jahr 1788 (Pest: Mathias Trattner, 1788), p. 4. Theater Kalender auf das Jahr 1788, ed. Heinrich Au-

János Dianovszki and the canon József Erdély dealt with the topic of converting churches into theatres in two published sermons. If Dianovszki called for comprehension towards the adaptation of "redundant churches [...] to other uses, even if that means that they become taverns or playhouses", the second insisted on the sacrality and inviolability of church buildings.<sup>37</sup>

Overall, at least four churches that were transformed into theatres were described in the press during the last two decades of the 18th century.<sup>38</sup> One could rightly suppose that the wide distribution of the news about the Buda theatre encouraged other theatre lovers to apply for the reuse of secularized churches. It is, nonetheless, impossible to measure to what extent these theatres' descriptions inspired the transformation of other churches for theatrical purposes, as the newly inaugurated theatres' building processes were rarely described in the theatrical press. The fact remains that several theatrical impresarios defended similar projects in the years following the opening of the Hungarian capital's well-known theatre. The Buda theatre was also highly praised in contemporary press articles. In the description published in the Gotha's famous journal Theater Kalender, the reassignment process is depicted as follows: "The formless machine of the former church was transformed into one of the nicest theatres thanks to the best redistribution of its clump-like parts."39 Similar terms are employed in the descriptions of other theatres. For instance, the Lviv building is described as "regular [and] spacious", while the one in Maribor is characterized as "the first pretty theatre" of the town. 40 Thus, the large and positive response given to some of these theatres suggests that the reuse of churches was not perceived as a low-quality work, even if it was obviously a second choice motivated by the lack of funds for a brand-new building.

Due to their dimensions, which were usually quite large, and because of their advantageous location, theatres installed in former churches were quite ambitious projects and interest in these transformed buildings' character was often explicit. The emperor Joseph II himself studied the project in Buda, the Hungarian capital, and insisted that the former church had to "lose the aspect of a church, inside as well as outside, in order to become a theatre". In a letter from

gust Ottokar Reichard (Gotha: Ettinger, 1788), p. 82–88. Adolph Franz Friedrich Ludwig von Knigge, *Dramaturgie Blätter* (Hannover) 1 (1788), p. 15. Heinrich Gottlieb Schmieder, *Allgemeines Theaterjournal* (Frankfurt am Main) 2 (1792), pp. 117–118.

<sup>37</sup> János Dianovszki, *Prédikátzió, mellyet mondott* [...] (Bratislava: Landerer, 1787), p. 7-11. József Erdélyi, *Tanúság a templomok tiszteletérűl, mellyet a nyitra zerdahelyi új templomban* [...] (Vácz: Ambró Ny., 1788). Quoted after Németh, "The church of Saint James" (Paper presented at the Vienna conference *Baroque parish churches and their decoration: A new field of research* by Research Group BCPCE, October 23-25, 2017).

<sup>38</sup> Besides the theatres analysed here, one should also mention the description of the theatre in Elblag published in 1794 in *Rheinische Musen* (Mannheim), 2 (1794), pp. 88–89.

<sup>39</sup> Theater Kalender auf das Jahr 1788, ed. Heinrich August Ottokar Reichard, p. 82: "[D]ie ganz unförmliche Maschine jener ehemaligen Kirche durch die genaueste Eintheilung ihrer klumpenartigen-Theile zu einem der niedlichsten Theater umgestaltet wurde."

<sup>40</sup> Annalen des Theaters (Berlin) (1790), ed. Christian August Bertram, p. 102 ("ein ordentliches, geräumiges Gebäude"). Rudolf Gustav Puff, Marburg in Steiermark, seine Umgebung, Bewohner und Geschichte (Gratz: Andr. Leykam'sche Erben, 1847), I, p. 37 ("[das] erste hübsche Theater").

<sup>41</sup> MNL-OL, A 39, 1786, n° 10,107, fol. 4v ("die Kirche, welche sowohl von äußeren, als von inwendig die Gestalt

the Galician *Gubernium* based in L'viv, we read that one of Gottfried Mörz's major qualities was his capacity to "transform the exterior of the church" into a theatre building. 42

### Formal solutions and technical achievements

Did former churches have special formal features that made their reuse as a theatre more appropriate than for other purposes? According to Marta Velladics' survey for Hungary, only half of the churches belonging to abolished convents were actually secularized, while the others were transformed into parish churches or adopted by other monastic orders. This may lead us to conclude that these churches' architecture was difficult to transform for other purposes. One may also expect these churches to possess certain acoustical qualities. However, what do actual practices of reuse tell us about such assumptions? An analysis of several previously unpublished visual and written archival sources will exhibit these theatres' formal and technical achievements.

#### Distribution

The auditorium was always located in the church's former nave, as this area was high enough to accommodate three or even four rows of boxes. These rows were always entirely overlapping, even in the case of later theatres. The stage replaced either the apse as in Buda (fig. 2), L'viv (fig. 3–4), and Steyr (fig. 6–7), or the narthex, such as in Zagreb (fig. 9) and Chrudim, or the presbytery as in Maribor. The roof-space and sometimes the crypt were used for stage-machines. The former narthex often served as an entrance hall or staircase. In Maribor the bell-tower was preserved and its first floor assigned to the ticket office. New and broader staircases were always created, and thus a large narthex was ideal, as it allowed for larger staircases.

Churches with one single and broad nave were obviously more suitable for theatres such as the Clarisses' church in Zagreb (fig. 9), the church in Wiener Neustadt, and in Steyr

einer Kirche verlieren  $mu\beta$ , zu einem Theater [...] zuzurichten, und auszunutzen" – Letter sent by the Courtly Chancellery to the Hungarian Lieutenancy Council).

<sup>42</sup> CSHAUL, F. 146, Opis 77, Sprava 16, fol. 31 ("Und weil sich von der Wirksamkeit des Baudirektors Mörz alles erwarten läßt, so ist auch nicht zu zweifeln daß Er [...] dieses Redouten Hauß nebst Veränderung der äußerlichen Kirchen Gestalt, in welche gegenwärtig das Theater eingehüllet ist, [...] vollkommen zu Stande bringen [...] [wird]. " – report of the k.k. Cameral und Provinzial Buchhalterey addressed to the Gubernium, February 6, 1792, n° 21, 856).

<sup>43</sup> Velladics, A II. Józsefbeli szerzetesrendi, p. 107.

<sup>44</sup> In Maribor, the entrance was located in the former apse. Igor Sapač, "The Slovene National Theatre Maribor," online Database *Theatre architecture in Central Europe* grounded by the Arts and Theatre Institute of the Czech Academy of Sciences, Prague, https://www.theatre-architecture.eu/db/?theatreId=248&detail=history &page=2 (accessed June 20, 2021). The plan of the Buda theatre was published in Anna Józsa, "The beginnings of public theatre architecture in Hungary in the age of enlightenment," *Pollack Periodica*, 8/1 (2013), pp. 109-1122.

<sup>45</sup> Puff, Marburg, p. 87.

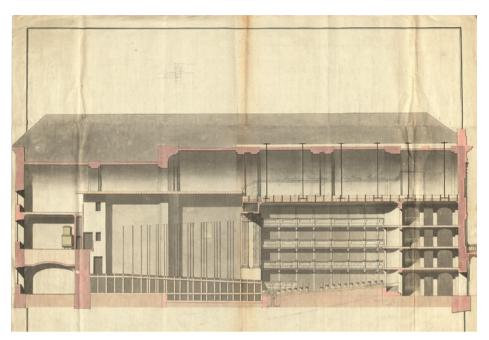


Fig. 2. Longitudinal section of the theatre, Buda, 1787. National Archives of Hungary, MNL-OL, T73,  $n^{\circ}$  44/1–4, 1853. The year 1787 is inscribed on the rear of the plan. We see here the initial state of the theatre. Alterations of the height and of the inclination of the auditorium were added by pencil in 1853.

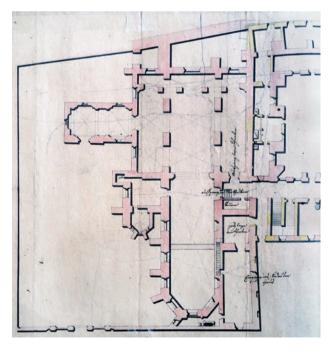


Fig. 3. Plan of the Franciscan convent made for its adaption in a school, detail, L'viv, 1787. CSHAUL (Central State Historical Archives of Ukraine in L'viv), F742, n° 1541. The plan shows the structure of the old church. The main lines of the theatre-auditorium's shape, as well as some indications for the exits, were sketched on the surface of the main nave with pencil.

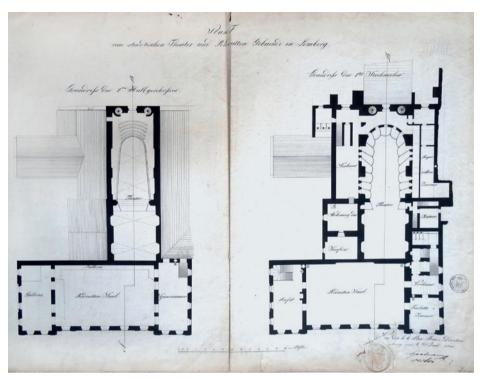


Fig. 4. Plan of the theatre and redoute, L'viv, first and second floors, 1840, CSHAUL, F742, n° 1473. The plan shows an auditorium identical in terms of proportions with the one sketched on the plan of the church from 1787. One may also recognize the proportions of the former side naves of the church transformed into a "Vorhaus" and a "Requisiten Zimmer", as well as the ones of former two chapels adapted into an apartment for the souffleur. The apse of the church was demolished. A new building for the redoute, perpendicular to the length of the church, recovers the surface of the former choir and the one of the courtyard.

(fig. 6). The Carmelite Church in Buda had a similar configuration, with a nave bordered by side chapels. Unlike polygonal apses, these three churches' square-shaped choirs also provided more stage space and was suitable for storage purposes. On the other hand, the former Franciscan Basilica in L'viv was more complicated to adapt, because of the main and side naves' unequal height (fig. 3). The theatre's auditorium and stage were installed in the central nave and in the first bay of the choir, while offices, wardrobes, and stores were installed in the side naves. The choir was left unused until 1792, when it was demolished in order to build the redoute. Halls for socialising were usually quite narrow when they were inserted in the church's former structure. A wider range of socialising rooms could be achieved only when adjacent rooms of the convent were assigned to the theatre – as in Buda or in Steyr – or when a new wing was built for a redoute (*Redouten-Haus*) – as in L'viv (fig. 4).

In the majority of these theatres, the auditorium formed either a conservative U shape or a rectangle, just like the major part of the Central European theatre buildings erected from



Fig. 5. Façade of the redoute, L'viv, fragment of a poster for the reopening of the redoute on October 6, 1796. Got, Das Österreichische Theater in Lemberg (Vienna: Verlag der Österreichischen Akademie der Wissenschaften, 1997), p. 86. One may identify on this drawing the main façade of the redoute by comparing the number of windows

and the proportions of its side avant-corps with the ones visible on the plan from 1840.

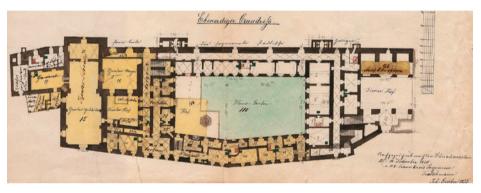


Fig. 6. Plan of the former theatre and redoute installed in the former Celestin convent in Steyr, 1855, Abteilung für Altstadterhaltung und Denkmalpflege der Stadt Steyr.

the beginning of the 18<sup>th</sup> century onwards. The L'viv theatre's deep and narrow auditorium suggests that its builder was more interested in the auditorium's large capacity than in visibility or acoustics. Nonetheless, one alternative plan for the theatre would be to use the church's consistent size, repurposing some of its bays to create a more central auditorium, which would have had in turn enabled greater visibility and better acoustics. Such a solution was not adopted, as a longer auditorium was preferred in order to create an increased number of boxes, ensuring the enterprise's higher profitability. The architect Gottfried Mörz tried to solve the visibility problem by introducing a series of curves, similar to the stepped boxes in several Italian theatres.<sup>46</sup> The multiple links between L'viv and northern Italy promoted by the governor Joseph Brigido may explain this resemblance.

Similarly, Wolfgang von Kempelen, the Hungarian Building Authorities Director, declared that he had studied the theatres in Vienna when he drew up the plans for the Buda auditorium. This assertion is confirmed by the similarities between the theatre-hall in Buda

<sup>46</sup> Michael Forsyth, Buildings for music: The architect, the musician, and the listener from the seventeenth century to the present day (Cambridge: Cambridge University Press, 1985), p. 83.

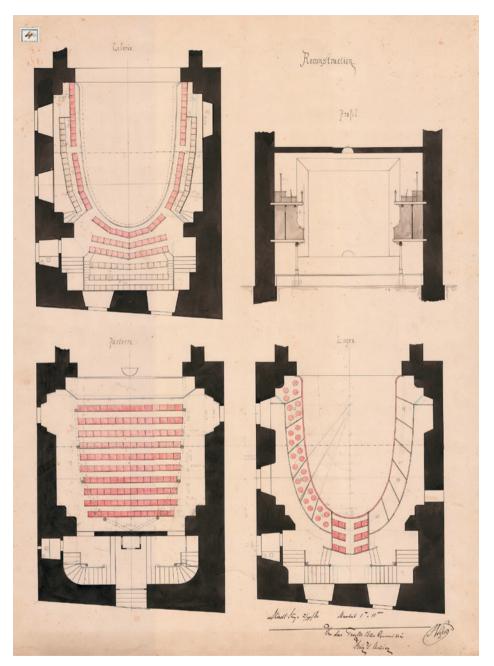


Fig. 7. Plan of the theatre auditorium in Steyr, 1855, Abteilung für Altstadterhaltung und Denkmalpflege der Stadt Steyr. The auditorium was installed in the former nave . Staircases were installed in the first span. The former triumphal arch was converted into a proscenium.

and the *Kärntnertortheater* designed in 1763 by Nikolaus Pacassi. For the stage, Kempelen claimed to have taken the *Leopoldstadttheater* as model.<sup>47</sup> Thus, the former church's geometrical structure was attentively transformed by taking inspiration from contemporary theatre buildings in the capital. Viennese architects were also involved in the Buda plan's conception. Gottlieb Nigelli claimed to have created a plan for this theatre.<sup>48</sup> These joint efforts in the Carmelite church's transformation into a theatre seem to have achieved their goal, and several newspapers praised the theatre's acoustic qualities.<sup>49</sup>

Still, there is no proof that the structures of former churches had much to do with theatres' visual and acoustic qualities, even if in some cases, such as in Buda, special attention was paid to these qualities. For instance, the vaults – a central element of church acoustics – were generally concealed behind wooden ceilings (fig. 2). Transmission of a clear voice necessitated a shorter reverberation time. Thus, a theatre required a different kind of structure made out of materials different from those used in churches.<sup>50</sup> As early as 1769, Francesco Algarotti insisted on the benefits of plane surfaces and invited theatre architects to choose plain decorations and ceilings rather than vaults.<sup>51</sup> Wood was considered more appropriate for clear sound transmission. Therefore, it seems that former churches were considered easy to adapt into theatres not because of their supposed acoustical qualities, but due to their large dimensions, oblong shape, significant height beneath the vaults, and their location, often close to the city centre. Convent churches possessed, moreover, a garden, which could easily be transformed into a public garden accessed from the theatre and the ball rooms. In Buda, the convent garden, which opened onto the former *Zwinger*, was redesigned for the public attending the theatre.<sup>52</sup>

### Façades

The exterior appearance of theatre buildings installed in former churches, their main façade, was a controversial issue because the façade had a primary representational function. Financial considerations above all suggested reducing expenditure on purely aesthetical interven-

<sup>47</sup> FVL, IV, 1002 [Buda] hh [Acta Theatralia / Szinhazüggyi iratok], fol. 301–302: "26. [December] 1786/ In Wien den Theaterleuten, die mir zur verschiedenen malen beyde Theater zeigten in mir solche ausmessen halfen, Discretion gegeben. / Den 26 Febr. [1787] in das Leopoldstädter=Theater gefahren, um dessen Bau und Decoration zu besehen" (Quotation signed by Wolfgang von Kempelen, Buda, 13 October 1788).

<sup>48</sup> UAAbKW, VA, Karton 6, Fasz. 1786/2, Fol. 240-3, Nigelli, Wien 6.11.1786 fol. 241. I am thankful to Gernot Mayer for sharing this document.

<sup>49</sup> Etwas zum neuen Jahr, p. 4. Theaterkalender auf das Jahr 1788, p. 83: "Diese Methamorphose ist für die hiesige Gegend um so merkwürdiger, als sie bisher in den Kayserlich-Königlichen Staate ihrer Art die einzige ist."

<sup>50</sup> On optimal reverberation times for speech and music, see Forsyth, Buildings for music, p. 178.

<sup>51</sup> Jochen Meyer, Theaterbautheorien zwischen Kunst und Wissenschaft: Die Diskussion über Theaterbau im deutschsprachigen Raum in der ersten Hälfte des 19. Jahrhunderts (Zurich/Berlin: GTA/Gebr. Mann, 1998), pp. 151–153. Patrizio Barbieri and Lamberto Tronchin, "L'Acustica teatrale nel neoclassicismo italiano: con una ricostruzione virtuale del 'teatro ideale' di Francesco Milizia (1773)," Giordano Riccati, Illuminista Veneto ed Europeo, ed. Davide Bonsi (Florence: L. S. olschi, 2012), pp. 133–163, here pp.140–141.

<sup>52</sup> Reininger, Wolfgang von Kempelen, p. 223.

tions. Yet, the façades are a key element of the theory of character, as they represent the theatre building's face to the city. Information regarding the transformation of former churches' façades is, however, in most cases incomplete. In Steyr, no important transformations seem to have been realized: the two large bayes are inherited from the former church (fig. 8). According to the archival sources, by contrast, brand new façades were built in front of the former church façades in Buda (1787) <sup>53</sup> (fig. 1) and Wiener Neustadt (1793), <sup>54</sup> as well as in Maribor in 1810–11, where a portico and a wooden entrance adorned the composition. <sup>55</sup> The rows of rectangular and arched windows one above the other, characteristic of civil architecture, serve as further proof of those reconstruction works. One can also assume that the façade in Chrudim was transformed, as the frontispiece was turned down. <sup>56</sup> In L'viv, it was only during the redoute's construction, in 1792, that the building got an entirely new façade (fig. 5).

When present, architectural ornaments were quite similar on all of this period's theatre façades: pilaster strips, as in Maribor, or giant pilasters as in Buda, L'viv and Steyr,<sup>57</sup> topped by an attic, sometimes adorned with vases as in L'viv, or surmounted by a coat of arms as in Buda. Detailed descriptions are rare and, therefore, it is not easy to retrieve the contemporary viewers' opinions. Because the façade from L'viv raised the biggest controversy among all projects related to churches transformed into theatres, the arguments used in this context deserve to be analyzed in detail.

Among all building projects, the drawings of 1791–92 for the façades of the L'viv theatre were judged too expensive by the Court Chamber in Vienna and the *Oberhofbaudirektion* (Superior Building Directorate). Therefore, a commission formed by Franz Anton Hillebrandt, Mathias Lechner, Wenzel Lechner, and Winzenz Edler von Platzer rejected the project drawn up by Gottfried Mörz and proposed, among other limitations, a new façade for the rear. The drawing is described as "simple and appropriate for its object, while the one which was submitted would have been too expensive and would not have had a good effect". The first project is lost, but we know that the Galician *Gubernium* appreciated it and praised Gottfried Mörz for creating not only "a solid and resistant" building, but also a "lavish and decorated" one, in line with "the most recent trends". It was said to belong "not to the common way of

<sup>53</sup> FVL, IV, 1002 [Buda] hh [Acta Theatralia / Szinhazüggyi iratok], fol. 455. Quittance n° 137 on the repartition of the theatre and casino's construction materials. A quotation from 1788 indicates that the decoration elements, such as the pilasters and the capitals, were created at that time.

<sup>54</sup> Zumpf, Chronik eines Theaters, p. 18.

<sup>55</sup> Sapač, "The Slovene National Theatre Maribor."

<sup>56</sup> See images published by Puckert, "Chrudim Theatre," fig. 1-7.

<sup>57</sup> The architectural order varies from one theatre to another: Composite in Buda, Ionic in L'viv, Doric in Steyr.

<sup>58</sup> OeStA, FHKA, KP, Rb 593. Drawing published in Got, *Theater in Lemberg*, plate 4. It is the only façade drawing still preserved, and was misinterpreted as a project for the main façade.

<sup>59</sup> OeStA, FHKA, NHK, OeKaale, Fasz. 25, n° 1671/1576 ex Mai 1792, without page number: "Die Aufriß der Hauptansicht hingegen habe sie, Hofbaubuchh[alterey] ganz neu, jedoch einfach und dem Gegenstande entsprechend entworfen, weil die eingeschikte Hauptansicht viel gekostet, in der Natur aber keine gute Wirkung gemacht haben würde." See also Got, *Theater in Lemberg*, p. 62.



Fig. 8. Rear facade of the theatre in Steyr (former main façade of the theatre and of the church). Photograph by the author, 2019.

building, but [was] architecturally created with expensive ornaments". Mörz's project was without doubt unorthodox in relation to the Josephist reforms implemented since 1783.

Controversies concerning the reduction of ornamentation were still common at the beginning of Francis II/I's reign. In order to understand the weight of these statements, one should consider that in 1794 the newly appointed Hungarian chief *Baudirektor*, the engineer Stanislas Heppe, criticized the double-sided, tent-like roofs, as well as the vases and the balustrade drawn by Franz Anton Hillebrandt in a façade-project for a new theatre in Pest. These components were judged by the chief engineer as causes for the high construction fees and for future expensive repair and maintenance costs. The preference was for simple buildings of one block rather than multiple pavilion structures. Nevertheless, it is significant that the *Gubernium* in L'viv and other agencies, including the Cameral *Landesbaudirection* in Galicia, were not following this economically conservative tendency. Even in the case of a church transformed into a theatre, they praised ornamentation and lavishness, insisting on the importance of the building's character. Admittedly, the final principal façade of the L'viv

<sup>60</sup> CSHAUL, Fond 146, Opis 77, Sprava 16, fol. 272 (1798).

<sup>61</sup> MNL-OL, A39, 1795, n° 86434 (copia 1046), fol. 4–5: "die angetragene 2. PavillonsDächer an der äusseren Fronte sammt den Waaßen und Palustraden, wie auch die [...] zweyte Altane [...], als Theil die nur, zu Vermehrung der itzigen Bau Auslagen, und zu Vergrößerung der künftigen Reparations Kosten, dienen [...]". Former head of the Hungarian Directio in hydraulicis, Stanislas Heppe, replaced Wolfgang von Kempelen at the head of the newly unified Direction for Civil and Hydraulic Constructions. László Bendefy, "A magyar kamarai mérnöki intézmény kialakulása, 1650–1850," Levéltári Szemle 20/3 (1970), pp. 548–571, here p. 560–564.

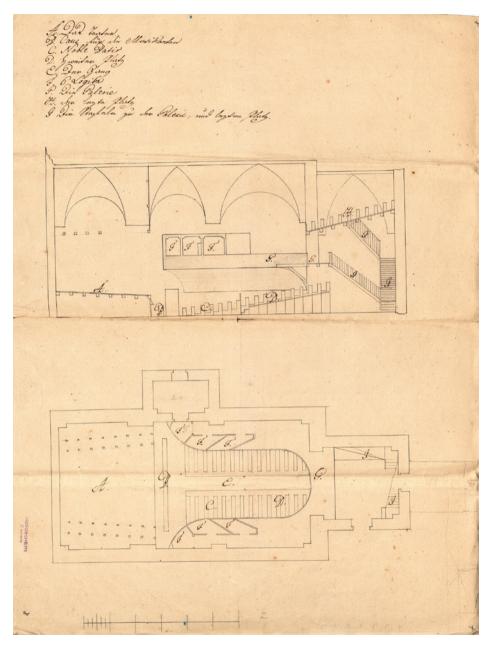


Fig. 9. Plan and section for a theatre to be installed in the former Clarisses' convent in Zagreb, 1788. National Archives of Hungary, MNL-OL, C49, n°246. The entrance, staircase, as well as an upper gallery were installed in the former choir, whilst the auditorium occupies two spans of the former nave and the stage occupies the last span of the nave.

theatre was made from only one block, yet it still had a significant portal, flanked by two Ionic columns, and crowned by a pediment and an attic with vases.

Although in itself an economical solution, the remodeling of former churches, as shown above, was not automatically judged to be entirely satisfactory in terms of cost reduction. In some cases, the responsible local authorities' architectural ideas also did not match Vienna's ideas.

#### Conclusion

The elaborate theatre projects studied here testify that the transformation of former churches grew into a widely diffused and appreciated practice among Habsburg public building authorities during the 1780s and 1790s. Some of the monarchy's first public theatres, which found accommodation in various types of buildings until the 1760s and 1770s, had a simple architecture; during the following decades, however, the practices of reuse reached a high degree of complexity. As proof of the complex nature of this kind of reuse, one may recall, for instance, the refusal of the original project created for the Zagreb theatre (fig. 9), which was motivated by the fact that it did "not fit the norms of the art".62 Reuse became, hence, compatible with an artwork's creation, as certified by the building authorities' representatives, as well as by the press. After all, the description of the Buda theatre was published in the "Artworks" section of the Gotha Theater-Kalender.

Projects which convert churches into theatres show that interest in an architectural program's character, including its lavishness, can coexist with a general demand for economy. Moreover, as Hillebrandt's critique of Mörz's drawing for the theatre in L'viv shows, economy appears here not only as a compromise but as an actual part of the qualities expected from a building. Thus, financial considerations were implemented in relation to issues of character, creating a new kind of appropriateness (bienséance) that met the need for economic efficiency. Indeed, one could argue, as Ulrich Schütte did three decades ago, that ornamentation is always a question of character.<sup>63</sup> In the case of these theatres, the ornamentation's absence becomes a matter of character, just like the adaptation of one architectural program to another.

<sup>62</sup> MNL-OL, C49, 1788, F246, n° 5, fol. 18. Report signed by the engineers Stanislas Heppe and Ignaz Pongracz. The wide use of wooden structures and the limited number of stairs in this project was no longer acceptable.

<sup>63</sup> Ulrich Schütte, "Die Lehre von den Gebäudetypen," Architekt und Ingenieur: Baumeister in Krieg und Frieden, ed. Ulrich Schütte (Wolfenbüttel: Herzog August Bibliothek, 1984), p. 160.

Table: Overview of projects to install theatres in former churches.

		Religious	Patrons and sponsons				
Pro- ject's date	Town	congregation / church dedication	Central adminis-tration	Private investor	Local elites	Execution status	Costs
1784	Schärding (Upper Austria)	St Sebastian's Church	?	?	?	Executed	?
1785	Maribor (Styria)	Cistercians	-	U. Hartnagel, shoemaker	Committee made up of local citizens	Executed	?
1786/7	Buda (Hungary)	Carmelites	Lieutenancy Council	FH. Bulla, impresario		Executed	33 962 fl.
1788	Rattenberg (Tyrol)	?	?	?	?	?	?
1788	Zagreb (Croatia)	Clarisses	Governor Balaasa	J. Weil- hammer, impresario		Not exe- cuted	1500 fl.
1789/ 1792	Ľviv (Galicia- Lodomeria)	Franciscans (Minorites)		FH.Bulla, impresario		Executed	Theatre 13,116 fl. Ball-Hall 40,000 fl.
1790	Ried (Tyrol)	?	?	?	?	?	?
1792/ 1794	Wiener Neustadt (Lower Austria)	Order of St. Paul's Church			Municipality	Executed	?
1796	Steyr (Upper Austria)	Celestines		Prince J. N. F. Lamberg	Municipality	Executed	1,014 fl. 80 ½ kr.
1797	Krakow (Galicia- Lodomeria)	?		Impresario L. Wothe		Not exe- cuted	?
1801	Chrudim (Bohemia)	St. John the Baptist's Church	Governor Markvart Josef Koc of Dobrš			Executed	?
1806	Maribor (Styria)	Celestines			Group of local citizens	Executed	?
1810/ 1811	Maribor (Styria)	Holy Spirit Church, adjacent to the hospital			Group of local citizens	Executed	?
1815	Pécs (Hungary)	Order of St. Paul's Church	?	?	?	Not exe- cuted	?



### **Index of persons**

'Abd al-Rahman Katkhuda 272 (fig. 9), 273	Part Vielroday acy
Adler, Friedrich 73	Bastl, Vjekoslav 351 Baumgarten, Sándor 223
Aigner, Chrystian Piotr 56–58 (including fig. 1),	Baumgartner, Richard 352, 353 (fig. 9)
60, 62, 68	Bayer, Joseph 89 (including footnote 4), 90 (fig. 1),
	91 (including footnote 7–8), 92
Alexander I Romanov 58	
Alexander II Romanov 115	Behrens, Peter 381 (including fig. 4)
Algarotti, Francesco 48	Benndorf, Otto 366
al-Hafiz li-Din Allah 269 (including fig. 5)	Bentivoglio, family 175
al-Ishaqi Qujmas 276	Berger, Hans 344 (footnote 55)
al-Salih Najm al-Din Ayyub 270 (including fig. 6)	Bergmann, Hermann 92 (footnote 11), 142
Alpár, Ignac 223	Bernini, Gian Lorenzo 128
Aman, Johann 100, 101 (fig. 4), 125	Besarović, Vladimir 350 (footnote 80), 352 (foot-
Ambros, August Wilhelm 144 (including foot-	note 98)
note 24)	Bessemer, Henry 375-376 (including footnote 10)
Amir Bashtak 274 (fig. 11), 275	Beuth, Christian Peter Wilhelm 76–77, 79 (in-
Amir Sarghitmish 275	cluding 33)
Andrić, Ivo 242 (including footnote 15), 247	Bitzan, Rudolf 378
(footnote 25)	Blažek, Franz 344 (footnote 55)
an-Nasir Hasan 266 (including footnote 23)	Blažeković, Josip 234, 238 (footnote 22)
Antoine, Jacques-Denis 124 (including fig. 7), 125	Blažeković, Ivan 238 (including footnote 22)
Antolec, Matija 217 (including footnote 29 and	Blondel, Jacques-François 33 (including footnotes
fig. 4), 219 (including footnote 33)	I-2)
Arcangeli, Pietro 183 (fig. 12)	Boccaccio, Giovanni 184
Árkay, Aladár 379, 380 (fig. 2)	Bock, Josef 369 (footnote 37 and fig. 5)
Attila, the Hun 379	Bodenstein, Cyriak 153
Auersperg, Johann Adam Fürst (Prince) 37 (foot-	Boffrand, Germain 33 (footnote 1-3)
note 17)	Böhm, Joseph Daniel 115 (footnote 4), 116 (fig. 1)
Augustus (Gaius Octavius) 368, 369	Bois, Jean-Pierre 186
Axmann, Viktor 227	Boito, Camillo 172 (including footnote 8), 174
,	(including footnote 12)
Balassa, Ferenc Count 41	Bollé, Herman 219 (fig. 6), 220 (including foot-
Balinski, Stefan 65	notes 37-38), 224 (including footnote 53), 226
Bálint, József 379	(fig. 10)
Bálint, Zoltán 223	Boullée, Étienne-Louis 58
Balogh, Lórand Almási 379	Borri, Rodolfo 227 (fig. 12), 228
Balzaretti, Giuseppe 175 (including footnote 15),	Borsig, Albert 79
176–178	Borsig, August 75
Barczy, István 189 (footnote 16), 379	Borsos, József 382 (fig. 5)
Bašagić, Safvet-beg 348 (footnote 69), 352 (foot-	Braidotti, Ludovico 216
note 98)	Brass, Guido 215
note 98)	Diass, Guido 215

Brequin de Demenge, Jean-Baptiste 19 footnotes 16-18), 65 (including footnote 40), Brigido, Joseph Count 38, 41, 46 67-70, 85 (including footnote 57), 152 Bruant, Libéral 186 Dürr, Hans 352, 353 (fig. 9) Bruck, Karl Ludwig Ritter (Knight) 158 Džamonja, Đuro 341 (footnote 35) Eberle, Georg 195 Brückner, V. 234 Brunetti, Ludovico 376 (including footnote 11) Budau, Joseph 244 (including footnote 22), 247 Eitelberger von Edelberg, Rudolf 14, 9-92 (in-Bulić, Frane 362-63, 368 (including footnote 32), cluding footnotes 6-7), 135-136 (including footnotes 1-4), 151 (including footnote 1), Bulla, Franz Heinrich 38-40 (including foot-153-154, 156 (including footnote 20) note 19), 53 Engel, Joseph 194-197 (including footnote 51 and Butscha, August 234 fig. 4), 199 Erdély, József 42 (including footnote 37) Cassimatis, Marilena Z. 206 (including foot-Erla, Wolfger von 117 note 116) Ernst, Leopold 158 Cattaneo, Carlo 167 Esch, Joseph 137 (including fig. 2) Černy, Michael 370 (footnote 40) Esterházy, family 102 Charles IV of Luxemburg 135, 142, 145, Eugen, Prince of Savoy 95-96 (including foot-Charles VI of Habsburg 117, 127 (footnote 40) note 18 and fig. 2), 117 (including footnote 12), Chotek, Karel (Karl) Graf (Count) 138, 140 Clark, Edward Francis Channing 378 Eytelwein, Johann Albert 75, 77 (including foot-Cohen, Jean-Louis 389 (footnote 47) note 25), 81 Copernicus, Nicolaus 60 Corazzi, Antonio 56, 60-65 Fadilpašić, Mahmud-beg 343 (footnote 50) Coste, Pascal 261-262 (including footnotes 5, 9), Fahmi, Husayn 266 Fahmi, Mahmud 267 265-266 Čurčić, Fehim 342-343 (footnotes 43, 50), 350 Feldegg, Ferdinand 185 (footnote 2), 203 (foot-(footnote 80) note 94), 205-206 (footnotes 109, 114), 364 Czernin, Adriana 261-263 (including footnote 8, (including footnotes 21-25), 368 (including footnote 31), 372 Czernin, Johann Rudolph Graf (Count) 100-101 Ferdinand I of Habsburg-Lorraine 115 (including (footnote 35, 38), 127 footnote 1), 120 (including footnote 19), 133, Czigler, Győző 223 142, 143 (as king of Bohemia Ferdinand V) Ferdinand III of Habsburg 142 Ferrari, Giuseppe 167 (including footnote 3) Dante (Alighieri) 167, 184 Dianovszki, János 42 (including footnote 37) Ferstel, Heinrich 290-291 (including footnote 31 Dientzenhofer, Kilian Ignaz 190 and fig. 6), 293-295 (including footnote 39), Diocletian #Roman emperor# 367-368 324, 360 Doderer, Wilhelm Ritter (Knight) 213-214 (in-Feuchtersleben, Ernst Baron 98 (footnote 28) cluding footnotes 14, 15 and fig. 2) Feuerstein, Bedřich 385 (including footnote 40 Domes, Ivan 227 and fig. 8) Donner, Georg Raphael 128 (including foot-Fischer, Andreas 97, 99 Fischer, Johann 107 (including fig. 9) note 44) Donner, Matthäus 128 (including footnote 46) Fischer von Erlach, Johann Bernard 320 Drucki-Lubecki, Franciszek Ksawery Duke 58, Fitzinger, Karl 352 (including footnote 94) Floderer, Anton 351, 353-355 (including foot-Durand, Jean-Nicolas-Louis 57-60 (including note 111 and fig. 7), 354

Fontaine, Pierre-François-Léonard 58 Hardouin-Mansart, Jules 186 Fontana, Józef 61, 106 Hartel, Wilhelm Ritter (Kinght) 366-367 (in-Förster, Ludwig Christian 142, 156, 164-165 (figs. cluding footnote 28) 4-5), 205 (including footnote 111) Hartnagel, U. 53 Francis I Stephen of Lorraine 18, 115 (footnote 3) Haslinger, Joseph 100, 108 (footnote 54) Francis II/I of Habsburg-Lorraine 50, 97, 115, 120 Hawelek, Gottfried 100, 104 (fig. 7), 105 (including footnotes 19, 21), 135, 143, 145, 302 Hentsch, Friedrich 203 (including footnote 95) Heppe, Stanislas 39 (footnote 21), 50 (including Francis Ferdinand of Habsburg-Lorraine 227, 355 footnote 61), 52 footnote 62) Francis Joseph I of Habsburg-Lorraine 193, 213, Heraeus, Carl Gustav 117, 127 (footnote 40) 341-342 Frast, Georg von 152 Herczegh, Zsigmond 223 Frast, Philipp (Jacob) 99 (footnote 28) Herder, Johann Gottfried 147 Frederick II (the Great) of Hohenzollern 77 Herz, Max 263 (footnote 13), 266 (including foot-Frederick William III of Hohenzollern 77 Frederick William IV of Hohenzollern 77-78 Hevesi, Ludwig 153 (including footnote 8) Froon zu Kirchrath, Friedrich Baron 152 Hikisch, Rezső 379 (including fig. 1) Fuss (first name unknown) 158 (footnote 26) Hillebrandt, Franz Anton 19, 29-30, 35 (footnote 10), 40, 49-50, 52 Gačnik, Dragan 256 (footnote 39) Hillebrandt, Joseph 99 (footnote 29) Galvagni, Pietro III (footnotes 62-63) Hinträger, Carl 214 (footnote 21), 217-219 Gameren (Gamerski), Tylman van 61 (including footnotes 28, 30, 36 and fig. 5), 221 Gazi Husrev-beg bzw. Hüsrev Bey 287-289 (in-(fig. 8), 222, 282 (footnote 4), 307 (fig. 6) cluding fig. 4) Hinträger, Moritz 221 (fig. 8), 222 Gessmann, Albert 360 Hlavinka, Vinko 222 (including footnote 46) Giedion, Sigfried 12 (including footnote 15) Hodnik, Zlato 243 (including footnote 17), 247 Gilly, David 73 (footnote 2), 75, 78 (footnote 29), (footnote 24) 80-81 (including footnote 39), 83 (including Hetzendorf von Hohenberg, Johann Ferdinand 31 footnote 51), 85 (including footnote 48), 36 (footnote 11) Glaser, Hans 352-353 (fig. 8) Holjac, Janko 219, 222 Goldmann, Nicolaus 10 (including footnote 9) Hölter, Achim 186-187 (including footnotes 5, Gollubovich (first name unknown) 243 8-9, 11), 189 (footnote 17) Gołuchowski, Count Agenor 193 Holzmeister, Clemens 386-388 (including fig. 9) Gorini, Paolo 376 (including footnote 15) Horthy, Miklós 381 Grimm, Jacob 374-375 (including footnote 6) Hudec, Karel 344 (footnote 55) Gurlitt, Cornelius 344 (footnote 59) Hülßner, Theodor 220-221 (including fig. 7) Goury, Jules 109 (including footnote 58) Humboldt, Wilhelm von 281 Grüne, Carl Ludwig Graf (Count) Gussalli, Emilio 171 (fig. 4) Ibn Tulun, Ahmad 261-262 (including footnote 7), 270, 274 Habermas, Jürgen 300 Isma'il Pasha 266 Hadim Ali-paša 343 (footnote 50) Iveković, Ćiril Metod 226-227 (including foot-Hadži-Damjanović, Risto 342-343 (footnotes 43 note 54 and fig. 11), 252 (footnote 34), 264, 338, and 51) 351 (including footnote 83) Halilbašić, Mustaj-beg 343 (footnote 51) Hansen, Theophil 5, 14, 109, 164-165 (figs. 4-5), Janák, Pavel 384 (including footnote 37 and fig. 7) 185-208 (including figs. 5-7), 234, 286, 288-Jones, Owen 108 (including footnote 58), 260 (in-289 (including footnote 25), 294-296, 360 cluding footnote 4)

```
Joseph I of Habsburg 117
                                                      Krausz, Rudolf 304 (fig. 4)
                                                      Kršnjavi, Iso 220 (including footnote 37), 222, 225
Joseph II of Habsburg-Lorraine 17 (including
  footnote 4), 18-20 (including footnotes 8, 21),
                                                        (including footnote 52)
  29-31 (including footnotes 38, 47), 34-36, 38
                                                      Kubicki, Jakub 60
                                                      Kugler, Franz 289 (footnote 27), 292-293 (includ-
  (footnote 19), 42, 118, 133, 136, 189, 359
Jung (first name unknown) 369 (including foot-
                                                        ing footnotes 35-37)
  note 37 and fig. 5)
Justinian 368
                                                      Lajin, sultan 261-263 (including fig. 2), 276
                                                      Lamberg, Johann Nepomuk Friedrich Fürst
Kaiser, Friedrich 132-133
                                                        (Prince) 41, 53
Kállay, Benjámin von 283 (including footnote 10),
                                                      Landriani, Gaetano 176 (fig. 6)
  296, 338, 340 (including footnote 23)
                                                      Laugier, Marc-Antoine 33-34 (including foot-
Kandinsky, Wassily 385
                                                        note 4 and figs. 1-2)
Kaunitz-Rietberg, Ernst Christoph Graf (Count)
                                                      La Vigne (first name unknown) 104
                                                      Le Camus de Mézières, Nicolas 33 (including
  19, 31
Kaunitz-Rietberg, Wenzel Anton Fürst (Prince) 19
                                                        footnotes 1-3)
                                                      Lechner, Mathias 49
Kelényi, György 35 (including footnote 10)
Kellner, Johann 295 (including footnote 41)
                                                      Lechner, Wenzel 49
                                                      Le Corbusier (Charles-Édouard Jeanneret) 385
Kempelen, Wolfgang (Farkas) von 38-40 (includ-
  ing footnote 19, 27), 46, 48 (including foot-
                                                      Légrády, Károlyi 377
  note 47, 52), 50 (footnote 61)
                                                      Leopold II of Habsburg-Lorraine 31
Kirstein, August 361-362 (including fig. 1), 364-
                                                      Leopold V of Babenberg 117
  366 (including fig. 2), 368, 370, 383-384
                                                      Liechtenstein, Johann Fürst (Prince) 122
Klaar, Oskar 351
                                                      Liesganiq (first name unknown) 39 (footnote 21)
Klar, Paul Aloys 144 (including footnote 22)
                                                      Lössl, Franz Xaver 110
Klebelsberg, Francis Graf (Count) 121
                                                      Losy von Losymthal, family 94
Klein, Franjo (Franz) 211 (including footnote 9)
                                                      Louis XIV of Bourbon 186
Klieber, Joseph 97 (including footnote 23), 100-
                                                      Ludwig, Rudolf 220-222 (including footnote 39
  102, 104, 122-123 (including footnotes 29-30
                                                        and fig. 7)
  and fig. 6), 132
                                                      Lueger, Karl 360
Knopfmacher, Bartholomeus 344 (footnote 55)
                                                      Lützow, Carl Graf (Count) 153
Koc von Dobrš, Markvart Josef 40, 53
Köchlin, Heinrich 215
                                                      Maciachini, Carlo 378
Kolar, Nikola 214
                                                      Majkić, Kosta 341 (footnote 35)
Koller, Matthias Fortunat 24-26 (including foot-
                                                      Mandić, Nikola 341-342 (including footnote 43),
  note 17 and figs. 3-4)
                                                        348 (footnote 69), 352 (footnote 98)
Kolowrat, Franz Anton Graf (Count) 141
                                                      Manescalo, Alfonso 266
Kopelhuber, Franz 388 (including fig. 10)
                                                      Manin, Daniele 181-182
Korlact, Josef 369 (footnote 38)
                                                      Marconi, Enrico (Henryk) 61
Kornhäusel, Joseph 102-103 (including fig. 6),
                                                      Marcus Aurelius 369
  105-106, 113 (footnote 65), 301-303 (includ-
                                                      Maria Beatrix of Habsburg-d'Este 96
                                                      Maria Theresa of Habsburg 17-18, 27, 29 (foot-
  ing footnotes 6,10 and fig. 1)
Korompay, Adolph 132
                                                        note 38), 31, 115 (footnote 3), 117 (foot-
Kortz, Paul 89-90 (including footnote 1 and
                                                        note 12)
  fig. 1), 92, 112 (including fig. 12)
                                                      Marinetti, Antonio 112 (including fig. 13)
Kraupa, Alfred 352-353 (including fig. 8)
                                                      Martin, Pierre-Émile 376
Kraus, Alois 323
```

```
Martinelli, Anton Erhard 190 (including foot-
                                                     Nigelli, Gottlieb 48 (including footnote 48)
  note 21)
                                                     Nikolić (Nikolich), Eneja 228
Masaryk, Tomáš Garrigue 382
                                                     Nobile, Pietro 14, 91-93 (including footnotes 8,
Matthias, Gustav 306 (fig. 5)
                                                        12), 97, 99-100 (including footnote 31), 105-
Mattuch (first name unknown) 243
                                                        108 (including footnote 48, 52, 54-56), 110
Max, Josef 143
                                                        (including footnote 60), 112 (including foot-
                                                        note 64), 121, 136-143 (including footnotes 6,
Maximilian I of Habsburg 17
                                                        11 and figs. 3, 4, 6, 8), 152, 359 (footnote 3)
Maximilian of Habsburg-d'Este 290
                                                     Nostitz-Rieneck, Erwein Graf (Count) 135
Mayern, Franz Ferdinand von 159
                                                     Nüll, Eduard van der 91 (footnote 7), 157-58, 163
Mayr, Leopold 106, 110, 132
Mayreder, Karl 350, 352 (footnote 95)
                                                        (fig. 3), 360
Meimar, Hussein Pasha 262
Melkus, Rupert 219
                                                     Oehlinger, Joseph 190-191 (including footnotes
Mengoni, Giuseppe 175
Merhemić, Ismet-aga 343 (footnotes 50, 52)
                                                     Ohmann, Friedrich 354, 361-368 (including foot-
Merlini, Domenico 61
                                                        note 12, 14, 21-26, 28, 31-32, 35 and fig. 1-2,
Mertens, Franz 140
                                                        4), 370-371
Metternich, Clemens Wenzel Lothar Fürst (Prince)
                                                     Ortner, Anton 105
Mihanovich, Franz von 232, 312 (fig. 9)
                                                     Otakar (Ottokar) II of Přemysl 142
Miladinović, Miloš 344 (footnote 55)
Milizia, Francesco 48 (footnote 51), 106 (includ-
                                                     Pacassi, Nikolaus 48, 99 (footnote 29)
  ing footnote 49)
                                                     Paleocapa, Pietro 182 (including footnote 24)
Mitis, Ferdinand Edler 99 (footnote 30), 152
                                                     Pálffy, family 102
Mitis, Ignaz 99 (footnote 30)
                                                     Palladio, Andrea 92
Mondrian, Piet 385
                                                     Paloš, Asim-aga 343 (footnote 50)
Moravánszky Ákos 11 (including footnote 14)
                                                     Panek, Karl (Carlo) 234, 284 (fig. 2), 344 (foot-
Moreau, Charles 102-103 (including footnotes
                                                        note 57)
  41-42 and fig. 5), 125
                                                     Panetsos, Georgios A. 206 (including foot-
Mörz, Gottfried 39 (including footnote 21), 43
                                                        note 116)
  (including footnote 42), 46, 49-50, 52
                                                     Pantanelli, Ciro 266
Mostowski, Count Tadeusz 56-57
                                                     Pařík, Karel (Karl) 15, 234, 264, 275, 282-283
Mozart, Wolfgang Amadé 111 (footnote 63)
                                                        (including footnotes 5, 7 and fig. 1), 286-287
Muhammad Ali (Pasha) 265
                                                        (including footnote 17-18, 20-21, 23 and
Muhibić, Hilmi 343 (footnote 50)
                                                        fig. 3), 289-295 (including footnote 32, 38 and
Müller, Johann Georg 154-158 (including foot-
                                                        fig. 5, 7), 338, 348 (including footnote 73), 350,
  notes 19, 21), 166 (fig. 6)
                                                        352 (footnote 98)
Mutevelić, Mustaj-beg 432, 344 (footnote 52)
                                                     Pasetti, Florian 152
                                                     Patsy, Edwin 267
Nagy, István 35 (including footnote 10)
                                                     Paul, Martin 89 (including footnote 2)
Napoleon Bonaparte 180, 263
                                                     Pecz, Samu 223
                                                     Pelser, Hans Otto 187-189 (including footnotes
Nebesky, Ferdinand 301 (footnote 5)
Nejedly, Karl 319, 330
                                                        12-13, 15)
Neumann, H. (first name unknown) 211-212 (in-
                                                     Percier, Charles 58
  cluding footnote 10)
                                                     Perkowski, Stanisław 68-69 (including fig. 8)
Neumayr, Anton 387
                                                     Petrarca (Petrarch), Francesco 184
Nicholas I Romanov 70
                                                     Petrović, Diogen 341 (footnote 32)
Niczky, Count Kristóf 38
```

Pevsner, Nicolaus 11 (including footnote 12), 167 Rosenthal, Carl Albert 145 (including foot-(footnote 1) note 26) Roth, Johann Baptist 133 Pfaff, Ferenc 223 Piattoli, Scipione 374 (including footnotes 3-4) Rottermund, Andrzej 55-61 (including footnotes 1, 5, 9, 18, 20, 25, 29), 63 (footnotes 34, 36) Pichl, Luigi 96, 105-106 Pilar, Martin 218-291 (including fig. 5), 350 Ruben, Christian 135, 144 Piermarini, Giuseppe 178 Rudolph I of Habsburg 117 (footnote 8) Pinon, Pierre 36 (including footnote 13) Rudolph, Joseph 194-195 (including footnotes Pirckmayer, Paul 232 49-50, 52-53) Platzer, Vinzenz Edler 49 Russ, Leander 133 Russ, Willy 369 (footnote 37 and fig. 5) Podhorsky, Stjepan 222, 228 Poelzig, Hans 388 Rziwnatz, Carl 100 Pogány, Moric 377 (including footnote 20), 379-380 (including fig. 3) Salzmann, Johann 70 Pokorný, Hypolit 234 Sauer, family 132 Polgári, Szilvia 377 (including footnotes 19, 21) Sauerländer, Willibald 12-13 (including foot-Polli, Giorgio 215 note 16) Pongracz, Ignaz 52 (footnote 62) Schaller, Johann 100 (including footnote 36) Poradowski of Korab, Vincenzo 212 (including Schapiro, Meyer 12 (including footnote 17) fig. 1) Schemerl von Leytenbach, Joseph Ritter (Knight) Pospišil, Josip 340 (footnote 22), 344, 346-348 (including footnote 60 and fig. 5), 354-355 (in-Scherzer, Franz Jakob 37 (footnote 17) cluding footnotes 106-108, 114) Schinkel, Karl Friedrich 13, 58, 73-88, 202-203 Prem, Matthäus 105-106 (including fig. 8) (including footnote 87) Prisse d'Avennes, Émile 260 (including footnote 4), Schleiermacher, Friedrich 281 271-274 (including footnotes 32, 34, 37 and Schmalhofer, Elisabeth 118 (including footnote 15, figs. 7, 9) 17), 120 (footnotes 18, 20-21), 122 (footnotes Pursell, Timothy 378 (including footnote 23) 27-28), 124 (footnote 33), 132 (footnote 62) Schmidt, Friedrich Baron 219, 222, 286, 289 (in-Qaitbay, sultan 292 cluding footnote 26), 294-295, 360, 384 Qalawun, sultan 278 Schmidt, Wilhelm 70 Quarenghi, Giacomo 96 Schmitz, Richard 386 Quatremère de Quincy, Antoine Chrysostôme 33 Schnaase, Carl 292-293 (including footnotes 35-37) (footnote 1) Schöbl, Josef 137 Rabbat, Nasser 261 (footnote 5), 265 (including Schrutek, Karl 319, 327 (footnote 36), 329 footnote 21), 274 (footnote 38) Schütte, Ulrich 52 (including footnote 63) Raphael 74 Schwarzenberg, Edmund Fürst (Prince) 159 (foot-Rauch, Michael 348 (including footnote 73) note 28), 193 (including footnote 42) Rauscher, Vincenz (Vinko) 222 (including foot-Semper, Gottfried 220, 293-294 (including footnote 47), 228 note 40) Reinstein, Franciszek 56, 65-66 (fig. 7) Sergej, Peter 370 (footnote 40) Sforzi, Giuseppe 108 (footnote 54) Remy, Louis 102 Rencevic, Michael 319 Sicard von Sicardsburg, August 163 (fig. 3), 360 Ricci, Giuliana 36 (footnote 12), 93 (footnote 13) Siemens, Sir Carl Wilhelm 375 Riedl, Richard 318 Simić, Jovo 350 (footnote 80), 352 (footnote 98) Rieger, Christian 33-34 (including footnote 4) Sina, Georg Simon 94

```
Slama, Bohumil 385 (including fig. 8)
                                                      Tocqueville, Alexis de 147
Sofie of Hohenberg, Countess Chotek 355
                                                      Tomaseo, Nicolò 182
Šola, Vojislav 348 (footnote 69), 350 (footnote 80),
                                                      Tommasi, Natale 215
  352 (including footnote 98)
                                                      Tönnies, Rudolf 341 (including footnotes 28, 32),
Soliman, Josepha 98
                                                         343-344 (including footnote 45), 346, 348,
Sowa, Rudolf 351
                                                         351-352, 354-355 (including footnote 110)
Spytihněv I of Přemysl 142
                                                      Töry, Emil 350, 379-380 (including fig. 3)
                                                      Trattner, Thomas Johann Edler 34 (footnote 4), 40
Sporschil, Peter 138
Sprenger, Paul 13-14, 91-92 (including foot-
                                                         (including footnote 29)
  note 8), 108-112 (including footnote 54 and
                                                      Trautsolt, Jan 68-69 (including fig. 8)
                                                      Trevisanato, Enrico 182
  figs. 10-12), 115-134, 142-143 (including
  fig. 78), 152-154, 159-162 (including figs. 1-2)
                                                      Trlić, Mehaga 343 (footnote 50)
Stanislaw II August 374
                                                      Tuvora, Franz 131 (including footnote 57)
Staszic, Stanisław 56
Steinberg, Michael 386 (including footnote 43)
                                                      Umm al-Sultan Sha'ban 275
Sternberg, Kaspar Graf (Count) 141
Stieglitz, Christian Ludwig 81 (including foot-
                                                      Vancaš, Josip 338, 342-352 (including footnotes
  note 44)
                                                         42, 45, 55-56, 58-61, 64, 87-88, 96, 98 and
Stiller, Adolph 198 (footnote 68), 206 (including
                                                         figs. 3, 5-6), 354-356 (including footnotes 108,
  footnotes 113, 117)
                                                         113-114)
Stix, Edmund 242 (footnote 12), 247 (foot-
                                                      Velladics, Márta 35 (including footnote 8), 37-38
  note 26), 249 (footnote 31), 253 (footnote 36),
                                                         (including footnote 18), 43 (including foot-
  286-288 (including footnotes 19, 23 and fig. 4)
                                                         note 43)
Stockmayer, Jakob Friedrich von 37 (including
                                                      Vignola, Giacomo Barozzi da 92
   footnote 17)
                                                      Villadsen, Villads 199 (footnote 69), 202-203
Strasser, Arthur 368
                                                         (including footnotes 85, 93-94), 206 (foot-
Strossmayer, Josip Juraj 220 (including foot-
                                                         note 119)
  note 37)
                                                      Vincenti, Carl Ferdinand von 153
Struppi, Vinzenz Baron 19, 23
                                                      Vitruvius 79, 92
Stüler, Friedrich August 73
                                                      Vittorio Emanuele II di Savoia 179 (including
Sturm, Leonhard Christoph 10
                                                         footnote 22)
Suleiman (Süleyman) the Magnificent, sultan 229
                                                      Vitzinger, M. V. 234
Susan, Karl 215 (fig. 3), 216
                                                      Vocel, Jan Erazim 144
Svoboda, Joseph 244-245 (including footnote 22),
                                                      Voghera, Luigi 170 (including footnote 6 and
                                                         fig. 2), 172 (footnote 7)
  247-249
Szpilowski, Sylwester 65
                                                      Volait, Mercedes 261-262 (including footnotes
                                                         5-6, 9-11), 264-266 (including footnotes
Tarabay, sultan 274
                                                         17-18, 20, 26)
Tautenhayn the Elder, Joseph 128
Thompson, Sir Henry 378 (including footnote 25)
                                                      Wagner, Otto 363-364, 384
Thorvaldsen, Bertel 60
                                                      Wagner-Rieger, Renate 35 (including footnote 9),
Thun-Hohenstein, Franz Anton Graf (Count) 135,
                                                         89 (including footnote 3), 92, 110 (footnote 61),
  141 (footnote 15), 144-145 (including foot-
                                                         131 (footnote 58), 133 (including footnote 65),
  notes 24-25 and fig. 9)
                                                         152 (including footnote 5, 7), 198 (footnote 68),
Thun-Hohenstein, Leo Graf (Count) 146 (foot-
                                                         199 (footnote 70), 203 (footnotes 93, 95), 205-
  note 27)
                                                         206 (including footnotes 108–109, 112, 115,
Tito, Josip Broz 310, 312
                                                         120), 208 (footnote 126), 225 (footnote 51)
```

### 398 | Index of persons

Wegnandt, Eberhard 238
Weilhammer, Franz 40, 53
Wiedenmann, Eduard 388–389 (including fig. 11)
Wild, James William 262 (including footnote 9)
William of Habsburg 206 (footnote 118)
Witkowski, Bonifacy 67–69 (including fig. 8)
Wittek, Alexander 264, 338
Woolf, Arthur 122 (footnote 16)
Wothe, Ludwig 40, 53

Zachwatowicz, Jan 65 (footnote 42), 67 (footnote 46), 69 (including footnote 57)

Zäh, Alexander 285 (including footnote 13), 338 (footnote 13)

Zajączek, Józef Prince 56, 58

Zammattio, Giacomo 223

Zeichner, Franz 115–116 (including footnote 4 and fig. 1a/b)

Zettel, Ludwig 210 (footnote 6)

Zotter, Eduard 353-354, 371

### **Index of places**

Adelaide 377	cluding footnote 33 and 36), 42, 43 (including
Adria 36 (footnote 12)	footnote 44), 44 (fig. 2), 45, 46, 48, 49 (includ-
Agram (see Zagreb)	ing footnote 57), 52, 53, 190 (footnote 22),
Alexandria 265	378-379
Ancona 36 (footnote 12)	Budapest (see also Buda or Ofen and Pest or Pesth)
Argenta 36 (footnote 12)	35 (footnote 10), 37, 38 (including fig. 1 and
Árpatarló (see Ruma)	footnote 19), 39 (including footnote 21), 40 (in-
Ascoli Piceno 167, 175	cluding footnote 27), 41 (including footnote 33
Asti 376	and 36), 42, 43 (including footnote 44), 44 (fig. 2), 45, 46, 48, 49 (including footnote 57),
Bad Deutsch-Altenburg 365 (fig. 2), 366-368	52, 53, 160, 189, 190 (including footnote 22),
Baden bei Wien 301–303 (including figs. 1a-d),	210, 213 (footnote 14), 222, 223, 228, 266, 350
304 (figs. 2 and 4), 305, 312	(including footnote 76), 377-379 (including
Baden-Weikersdorf 304 (fig. 4), 305	fig. 1), 380 (fig. 2), 383
Bad Freienwalde-Schiffmühle 83 (including fig. 2),	Bugojno 309 (fig. 7d), 310
86	
Bad Hall 301 (footnote 7)	Cairo 259-262, 264-266, 267 (fig. 3), 269 (fig. 5),
Bakar (Buccari) 218, 228	270 (including fig. 6), 271 (including fig. 7), 272
Banja Luka 229–239 (including fig. 1, 2, 4–9), 242	(fig. 9), 273, 274 (including fig. 11), 276, 278
(footnote 10), 249 (footnote 31), 252 (foot-	(including fig. 13), 279, 294, 295, 308
note 33), 296, 348	Čakovec (Csáktornya) 223
Bihać 242 (footnote 10), 249 (footnote 31), 341	Carcano Lentasi 36 (footnote 12)
(footnote 35), 348	Carlopago (see Karlobag)
Bjelovar (Bélavár) 222	Carnuntum 366, 368
Berlin 41, 73, 74 (footnote 10), 75, 77-83, 87, 88	Chicago 377
(including fig. 7), 156, 374	Chortkiv 196
Bologna 173, 175, 288, 376	Chrudim 39, 43, 49, 53
Bombay 318	Como 172, 376
Bosanski Novi (see Novi Grad)	Cordoba 274
Bosanski Šamac 348	Cremona 167 (footnote 1), 169 (including fig. 1),
Bratislava (Pressburg or Pozsony) 40	170 (including fig. 2 and 3), 171 (fig. 4 and 5),
Brescia 376	172, 174, 376
Breslau (see Wrocław)	Csáktornya (see Čakovec)
Brčko 310, 311, 312 (footnote 25), 354 (foot-	
note 108)	Đakovo (Diakovár) 220
Brno (Brünn) 384 (footnote 37)	Darmstadt 78
Brüx (see Most)	Debrecen 381, 382 (fig. 5)
Buda (Ofen) 35 (footnote 10), 37, 38 (including	Derventa 252 (footnote 33), 348
fig. 1 and footnote 19), 39 (including foot-	Diakovár (see Đakovo)
note 21), 40 (including footnote 27), 41 (in-	Dresden 376

### 400 | Index of places

Dortmund 79	Jabuka 27 (fig. 5), 28
Dubrovnik (Ragusa) 215	Jajce 229, 242
Elbląg (Elbing) 42 (footnote 38)	Kaiserebersdorf 17
El Escorial 186	Kalisz 64, 65, 66 (figs. 6 and 7)
Esseg (see Osijek)	Karlobag (Carlopago) 214
Eszék (see Osijek)	Karlovac (Karlstadt or Károlyváros) 222
	Karlovac-Rakovac 218
Ferrara 178	Karlsruhe 78, 81, 377
Fiume (see Rijeka)	Karlstadt (see Karlovac)
Florence 60, 380, 381	Karlštejn (castle) 144
Frankfurt am Main 41	Károlyváros (see Karlovac)
	Kladanj 309 (fig. 7), 310
Genoa 179	Klagenfurt 326
Glasgow 377	Klosterbruck in Znaim (see Louka monastery r
Gmunden 326	Znojmo)
Góra Kalwaria 68	Ključ 310
Gorica (see Gorizia)	Komárno (Komárom or Komorn) 245 (foot-
Gorizia (Gorica or Görz) 319, 326, 327 (including	note 22)
footnotes 36 and 37), 328 (including foot-	Korčula (Kurzola) 319, 323, 329, 330
note 40), 329	Kostajnica 309 (fig. 7), 310
Gornji Šeher (see Srpske Toplice)	Kraków (Krakau) 40, 41 (footnote 33), 53, 70
Görz (see Gorizia)	Krapina 222
Gospić (Gospici) 214, 222	Križevci (Kőrös) 222, 225
Gotha 41, 42, 52, 376, 377	Kurzola (see Korčula)
Gračanica 310, 312 (fig. 9)	Kutno 68
Gradačac 344 (footnotes 56 and 57)	
Gradiška 309 (fig. 7), 310, 311	Laxenburg 17
Grado 327	Leipzig 220
Granada 109	Lemberg (see Lviv)
Graz 300 (footnote 2), 328 (footnote 41), 378,	Liberec (Reichenberg) 377, 378
386	Liebenwalde 83
Graz-Liebenau 212	Linz 290, 386
Greifswald 88	Lipno 69
Großjedlersdorf 29 (footnote 39)	Livorno 60
	Louka monastery near Znojmo (Klosterbruck i
Hagen 381 (including fig. 4)	Znaim) 212
Halle an der Saale 88	Lviv (Lemberg or Lwów) 31/32 (footnote 47),
Hallein 387	38–46, 49 (including footnote 57), 50, 52, 5
Hamburg 85 (fig. 5), 86, 131	70, 185–208
Hannover 41	Lwów (see Lviv)
Hreljevo (Reljevo) 295	Łódź 68
Ilok (Újlak) 222	Łowicz 65, 67, 68 (including fig. 8), 69
Innsbruck 386	Magdeburg 74, 84
Istanbul 295	Malbork (Marienburg) 74

```
Maribor (Marburg) 39, 42, 43 (including foot-
                                                      Piacenza 167 (footnote 1), 169, 170 (including
  note 44), 49, 53, 212
                                                         footnote 5), 172
Marienburg (see Malbork)
                                                      Pilsen (see Plzeň)
Meleda (see Mljet)
                                                      Pisa 376
Milan 36 (footnote 12), 172, 175-180 (including
                                                      Pistoia 183 (fig. 12), 184
  fig. 6-8), 183, 184, 376-378
                                                      Płock 68
Mljet (Meleda) 316, 318, 319 (including foot-
                                                      Plzeň (Pilsen) 384 (including footnote 37)
  note 23), 329, 330, 331
                                                      Pola (see Pula)
Monfalcone 326
                                                      Poreč (Parenzo) 216, 326
Most (Brüx) 383 (fig. 6), 384
                                                      Požega (Pozsega) 218
Mostar 233, 242 (footnote 10), 249 (footnote 31),
                                                      Pozsony (see Bratislava)
  295 (including footnote 41), 296, 312, 341
                                                      Prague 11 (footnote 14), 111, 135-149, 190, 191
  (footnote 35)
                                                         (including fig. 3), 192, 193 (footnotes 38 and
Mukachevo 383
                                                         39), 377, 378, 385
                                                      Pressburg (see Bratislava)
Munich 155, 156, 227, 262
                                                      Ptuj (Pettau) 192
Nagyszombat (see Trnava)
                                                      Pula (Pola) 215, 227 (fig. 12), 228
Našice (Naschitz) 222
Nimburg (see Nymburk)
                                                      Oavrawan 274
Nova Gradiška (Újgradiska) 222
Novara 178
                                                      Radegonda 36 (footnote 12)
Novi Grad (Bosanski Novi) 309 (fig. 7b), 310
                                                      Radom 65
Nymburk (Nimburg) 384, 385 (including fig. 8)
                                                      Ragusa (see Dubrovnik)
                                                      Rakovac (today part of the city of Karlovac) 218
Odžak 309 (fig. 7f), 310, 311 (fig. 8)
                                                      Rataj 355
Ofen (see Buda)
                                                      Rawa Mazowiecka 68
Olomouc (Olmütz) 377, 384 (including foot-
                                                      Reichenberg (see Liberec)
  note 37)
                                                      Reljevo (see Hreljevo)
Oranienburg 86
                                                      Rennes 10
Osijek (Esseg or Eszék) 219 (fig. 6), 220, 221
                                                      Rijeka (Fiume) 209, 212 (including fig. 1), 220,
  (fig. 8), 222, 223, 227, 228
                                                         223, 225
Oudenaarde 69
                                                      Rome 109, 178, 374, 376
                                                      Rovinj (Rovigno) 216
Padua 192 (including footnote 33), 376
                                                      Ruma (Árpatarló) 222, 228
Pardubice (Pardubitz) 384 (including fig. 7), 385
Parenzo (see Poreč)
                                                      Salona (see Solin)
Paris 60, 81, 102, 124 (including fig. 7), 125, 134,
                                                      Salzburg 99, 374, 386, 387, 388, 389 (fig. 11)
  185, 186, 187 (fig. 1), 189, 190, 192, 207, 262,
                                                      Šamac (see Bosanski Šamac)
  266, 344 (footnote 57)
                                                      Sanremo 376
Pavia 376
                                                      Sarajevo 11 (footnote 14), 230, 233, 234 (includ-
Pest (Pesth) 41 (footnote 36), 50, 160, 189, 190,
                                                         ing fig. 3), 242 (including footnote 10), 245
                                                         (footnote 23), 248, 253, 259-279, 281-297,
  192, 194, 377, 379
Peterwardein (see Petrovaradin)
                                                         309 (fig. 7c), 310, 312 (including footnote 26),
Petrinja (Petrinia) 213 (including fig. 2), 214
                                                         335-357
Pettau (see Ptuj)
                                                      Sarajevo-Alifakovac 337 (fig. 1), 349, 352
Petrovaradin (Peterwardein) 214
                                                      Sarajevo-Bistrik 349
Petzow 83
                                                      Sarajevo Čaršija 339, 342
```

```
Sarajevo-Musala 340-343
                                                       Varaždin (Varasd) 211
Schönbrunn 17, 317, 323
                                                       Venice 180-184
Šibenik (Sebenico) 215
                                                       Vergato 167 (footnote 1)
Sinaia 213 (footnote 14)
                                                       Verőce (see Virovitica)
Skierniewice 68
                                                       Verona 376
Slavonski Brod 214
                                                       Vienna 7 (including footnote 1), 9, 17-20, 23,
Solin (Salona) 361, 363
                                                         29-31, 37, 41, 46, 49, 52, 55, 69, 78, 89-114,
Split (Spalato) 215, 359-370
                                                         115-134, 135-136, 141, 151-153 (including
Srebrenica 310
                                                         footnote 7), 154-158, 161 (fig. 1), 162 (fig. 2),
Sremska Kamenica 212
                                                         163 (fig. 3), 164 (fig. 4), 165 (fig. 5), 166 (fig. 6),
Srpske Toplice (Gornji Šeher) 232, 233 (fig. 2)
                                                         185, 188 (including fig. 2), 189, 192, 194, 196
Stampfing 99 (footnote 28)
                                                         (including footnote 60), 198 (including foot-
Stettin (see Szczecin)
                                                         note 68), 203, 205 (including footnote 111),
Steyr 37, 39, 40 (including footnote 27), 41, 43, 45,
                                                         206, 210-216, 222, 223, 228, 234, 260-263
  46 (fig. 6), 47 (fig. 7), 49 (including footnote 57),
                                                         (fig. 2), 266, 286, 288-294, 296-297, 299, 300
  50 (fig. 8), 53, 386, 387, 388 (including fig. 10)
                                                         (footnote 2), 301, 304 (fig. 3), 305 (footnote 14),
St. Gall (St. Gallen) 377
                                                         306, 308, 319 (including footnote 23), 320, 321
Sušak 220, 225
                                                         (including fig. 1), 322 (including fig. 2), 323-
Szczecin (Stettin) 86 (including fig. 6)
                                                         324, 326-327, 329-333, 344, 350-351, 354,
                                                         359-360, 364, 368-369 (including footnote 37),
Tarmow 83
                                                         370, 374, 376-377, 384, 386, 387 (including
Tatinica 330
                                                         fig. 9), 388
Temesvár (see Timișoara)
                                                       Vienna-Fünfhaus 306 (including fig. 5),
Temeswar (see Timişoara)
                                                       Vienna-Leopoldstadt 48 (including footnote 47),
Teplice (Teplitz-Schönau) 377
                                                         106, 302, 304 (fig. 3)
Timişoara (Temeswar or Temesvár) 26
                                                       Vienna-Währing 307 (fig. 6), 308
Traù (see Trogir)
                                                       Vigevano 36 (footnote 12)
Travnik 241-257, 295 (including footnote 41),
                                                       Vinac 355
  296, 309 (fig. 7h), 310, 344 (footnote 56)
                                                       Vinkovci (Vinkovce) 214, 222
Trieste 19, 23, 106, 108 (including footnote 54),
                                                       Virovitica (Verőce) 228
                                                       Visoko 295 (including footnote 41), 310
  216, 228, 318, 319, 323-327, 329, 331
Trnava (Tyrnau or Nagyszombat) 190 (including
                                                       Viterbo 167, 175
  footnote 24), 192, 193 (including footnote 38),
                                                       Vitina 344 (footnote 56)
  194 (including footnote 46)
                                                       Volterra 184
Trogir (Traù) 226 (fig. 11), 227
Tulln 301 (footnote 5)
                                                       Warsaw 55, 57-58, 60-65, 67-68
Turin 178, 376, 379, 380 (fig. 3)
                                                       Wiener Neustadt 37, 39, 43, 49, 53, 94, 301 (foot-
Tuzla 242 (footnote 10), 250 (footnote 31), 295
                                                         note 7), 303 (footnote 11)
  (including footnote 41), 346, 349 (fig. 6), 355
                                                       Windorf 99 (footnote 28)
  (footnote 108)
                                                       Woking 376, 378, 381
Tyrnau (see Trnava)
                                                       Wrocław (Breslau) 79
                                                       Wuthenow 83
Újgradiska (see Nova Gradiška)
Újlak (see Ilok)
                                                       Zadar (Zara) 215 (including fig. 3), 216, 227-228,
Ustikolina near Foča 346 (fig. 4)
                                                         319, 330, 362, 370
Uzhhorod 383
                                                       Zagreb (Agram) 40 (including footnote 27), 43,
                                                         51 (fig. 9), 52, 53, 210 (including footnote 6),
```

```
211, 212 (fig. 1), 217 (including fig. 4), 218
(fig. 5), 219, 220, 221 (fig. 7), 222, 223, 225, 226
(fig. 10), 350 (including footnote 76), 351.
```

Zara (see Zadar)

Zemun 214, 222 Zolochiv 196 Zurich 220

