

The sixth-century basilica of **Sant'Apollinare in Classe**, one of the Early Christian Monuments of Ravenna inscribed in **UNESCO World Heritage List**, is among the most spectacular examples of historical architecture that survived from late antiquity. Although the building has been the object of important studies and archaeological investigations for decades, a significant number of questions remain unanswered about its **design, chronology and transformations, liturgy and rituals**, relations with the surrounding landscape and with the cities of Ravenna and Classe.

The monument has been recently surveyed with a **3D laser scanner** by **Newcastle University's McCord Centre for Landscape** in collaboration with the **National Museum of Ravenna**. The first analyses of the 3D digital models obtained from the survey reveal an unexpected level of accuracy and sophistication in the entire design of the church. The modular system of the building indicates that its construction resulted from an outstanding investment in technology, committed to the highest scientific standards of that time. Furthermore, the survey provides a significant amount of other data that needs to be analysed and integrated using a wide range of approaches and methods.

The aim of this workshop is to define a **multidisciplinary methodology** to investigate Sant'Apollinare in Classe and acquire **new insights** on the architectural design of the complex, on its chronology and transformations, on its impact on the landscape, and on the rituals that were performed inside and outside the church. This approach will also consider the **artistic and historiographical** views that conditioned the interpretations and modifications of the complex. The event brings together academic and professional expertise to establish and nurture international partnerships and launch pioneer investigations on Ravenna.



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
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SOCIETÀ DI STUDI RAVENNATI



MUSEO  
NAZIONALE  
RAVENNA

## 7-8 October 2021

Conference Room, third floor, via degli Ariani 1, Ravenna  
Online, [Microsoft Teams](#)

# Space, Sound, and Senses The Design of Liturgical Experience in Sant'Apollinare in Classe and its Landscape

International Workshop in Ravenna



DIPARTIMENTO DI BENI CULTURALI

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## THURSDAY 7 OCTOBER 2021

### **h. 9.30** Introduction

**Lugi Canetti**, Director, Department of Cultural Heritage

**Emanuela Fiori**, Director, National Museum of Ravenna, Polo Museale dell'Emilia Romagna

**Sam Turner**, Director, McCord Centre for Landscape, Newcastle University

**Mark Jackson**, Newcastle University

### **SESSION 1.** Chair: **Maria Cristina Carile**

**h. 10.15** **Mark Jackson** and **Gianluca Foschi** (Newcastle University), *Early Archaeological legacies in our approaches to Byzantine architecture*

**h. 10.45** **Enrico Cirelli** (University of Bologna), *Sant'Apollinare in Classe and its monastery in the ecclesiastical topography of Ravenna*

**h. 11.15** Coffee break

**h. 11.30** **Sam Turner** (Newcastle University), *Making sacred landscapes at S. Apollinare and beyond*

**h. 12** **Gianluca Foschi** (Newcastle University), *The design of S. Apollinare in Classe. Results and problems from an interdisciplinary approach*

**h. 12.30** Discussion

### **SESSION 2.** Chair: **Gianluca Foschi**

**h. 14.45** **Riley Snyder** (University of Edinburgh), *Construction and construction materials in Sant'Apollinare in Classe: tracing changes in craft and technology through material analysis and architectural energetic modelling*

**h. 15.15** **Bénédicte Bertholon** (Université de Poitiers), *The acoustic pots in churches of Late Antiquity: the missing link?*

**h. 15.45** Discussion

**h. 16.00** Coffee Break

### **SESSION 3.** Chair: **Mark Jackson**

**h. 16.15** **Vladimir Ivanovici** (Universität Wien), *Presence and Authority in Justinianic Churches: The Case of Sant'Apollinare in Classe*

**h. 16.45** **Maria Cristina Carile** (University of Bologna), *St. Apollinare in Classe as a liturgical stage for the Church of Ravenna*

**h. 17.15** **Vicky Manolopoulou** (Princeton University, Princeton), *The city as a church: studying religious processions in Ravenna - a lost cause?*

**h. 17.45** Discussion

## FRIDAY 8 OCTOBER 2021

### **SESSION 4.** Chair: **Sam Turner**

**h. 9.30** **Pelin Yoncaci-Arslan** (Middle East Technical University), *Notes on the Performativity of the Byzantine Column*

**h. 10** **Francesco Martellotta** (Politecnico di Bari), *Acoustic of the Basilica of Sant'Apollinare in Classe and other Early-Christian basilicas*

**h. 10.30** **Jens Holger Rindel / Christian Troelsgård / George Koutsouris / Claus Lyng Christensen** (ODEON), *Acoustics of the basilica of Hagia Irene in Istanbul and revival of the sound of a Byzantine chant*

**h. 11** **Magnus Williamson** (Newcastle University), *Soup Made from Stones: undocumented soundscapes*

**h. 11.30** Discussion

**h. 11.45** Coffee Break

**h. 12** Roundtable and final discussion (**Nicoletta Guidobaldi, Donatella Restani, Alessandro Volpe**)

**h. 15** Visit at Sant'Apollinare in Classe and further brainstorming