



**DIVING INTO DIGITAL DATA FOR HERITAGE SCIENCE:
Diagnostics, Underwater Heritage, and Sound**

Centre National de la Recherche Scientifique (CNRS), Campus Joseph Aiguier - AUDITORIUM
31 chemin Joseph Aiguier Marseille¹, <https://www.provence-corse.cnrs.fr/fr>

Wednesday, February 7th, 2024

Hybrid event - [link](#) for online participation

9:00-9:30 REGISTRATION

9:30-10:00 WELCOME AND INTRODUCTION

Nathalie Pasqualini, Centre National de la Recherche Scientifique – Deputy regional delegate, délégation Provence et Corse (DR12)

Jean-Yves Blaise, Researcher, and **Adeline Manuel**, Research Engineer, Centre National de la Recherche Scientifique – Models and Simulations for Architecture and Heritage (UPR CNRS 2002 MAP)

Andrea De Pasquale, Director General, Directorate General Education, Research, Cultural Institutions, Italian Ministry of Culture [online]

Dominique Vingtain, Director, Centre Interdisciplinaire de Conservation et Restauration du Patrimoine (GIP CICRP Belle de Mai)

Angelo Izzo, Director, Italian Institute of Culture in Marseille

Stéphane Poliakov, Scientific and Academic Cooperation Attaché, Embassy of France in Italy [online]

10:00-10:30 HETEROGENEOUS DIGITAL DATA: CHALLENGES AND APPLICATIONS

MODERATORS : **Jean-Yves Blaise**, Researcher at the Centre national de la recherche scientifique and **Vania Virgili**, Technological Research Director at the Consiglio Nazionale delle Ricerche, Istituto di Scienze del Patrimonio Culturale (CNR-ISPC)

Iwona Dudek, Researcher at the Centre national de la recherche scientifique (UPR CNRS 2002 MAP). *Research workflows and digital data sets: traceability, reproducibility, comparability issues illustrated on spatio-acoustic data acquisition protocols*

Angela Bellia, Researcher at the Consiglio Nazionale delle Ricerche, Istituto di Scienze del Patrimonio Culturale (CNR-ISPC). *Towards a Digital Approach for Preserving and Managing Sonic Heritage*

10:30-10:50 OPEN DISCUSSION

10:50-11:15 COFFEE BREAK

¹ Reaching the CNRS Campus in Marseille: <https://www.provence-corse.cnrs.fr/fr/accueil-et-access>



11:15-11:45 DIGITAL DATA AND DIAGNOSTICS

MODERATORS : **Dominique Vingtain** and **Vania Virgili**

Marie-Laure Chavazas, PhD Candidate at Centre interdisciplinaire de conservation et de restauration du patrimoine (CICRP). *Non-destructive diagnosis of marble sculptures by 3D imaging coupled with acoustic tomography*

Cristiano Riminesi, Senior Researcher at the Consiglio Nazionale delle Ricerche, Istituto di Scienze del Patrimonio Culturale (CNR-ISPC). *Integration of multi-scale and multi-resolution techniques for structural diagnostic on wall paintings with 3D modelling. The case study of the masterpiece of the Brancacci chapel frescoes* [online]

11:45-12:05 OPEN DISCUSSION

12:05-12:50 DIGITAL DATA FOR UNDERWATER HERITAGE AND WATERFRONT LANDSCAPES

MODERATORS : **Pascal Liévaux**, Head of the Department of Research, Valorisation and Intangible Cultural Heritage, Directorate General of Heritage and Architecture, French Ministry of Culture, and **Vania Virgili**

Arnaud Schaumasse, Director of the Department of Underwater Archaeological Research of the French Ministry of Culture (DRASSM). *Drassm, the original model of a single administrative and research service for all of France's maritime areas*

Barbara Davidde, Former Superintendent of the National Superintendency for Underwater Cultural Heritage of the Italian Ministry of Culture. *Underwater cultural heritage in the Italian maritime space* [online]

Fabio Pagano, Director of the Archeological Park of Campi Flegrei in Naples, and **Crescenzo Violante**, Senior Technological Researcher. *Digital tools for underwater cultural heritage management. The case of the Campi Flegrei Archeological Park*

12:50-13:10 OPEN DISCUSSION

13:10-13:30 CONCLUSIONS

Laura Lieto, Deputy Mayor of the Municipality of Naples. *Exploring Common Interests: Marseille and Naples as Hubs for the Intersection of Science and Culture* [online]

Pascal Liévaux and **Vania Virgili**