



UNIVERSITÀ DEGLI STUDI DI NAPOLI
PARTHENOPE



www.pdp2023.org

31st Euromicro International Conference on Parallel, Distributed, and Network-Based Processing

Parallel, Distributed, and Network-Based Processing has undergone impressive change over recent years. New architectures and applications have rapidly become the central focus of the discipline. These changes are often a result of the cross-fertilization of parallel and distributed technologies with other rapidly evolving technologies. Therefore, reviewing and assessing these new developments is paramount compared with recent research achievements in the well-established parallel and distributed computing areas from industry and the scientific community. PDP 2023 will provide a forum for presenting these and other issues through original research presentations and will facilitate the exchange of knowledge and new ideas at the highest technical level. This year's edition is part of the dissemination activities of the ADMIRE project.

General Co-Chairs

Raffaele Montella, University of Naples "Parthenope", Italy
Angelo Ciaramella, University of Naples "Parthenope", Italy
Marco Lapegna, University of Naples "Federico II", Italy
Marco Danelutto, University of Pisa, Italy
Dora Blanco Heras, Universidad de Santiago de Compostela, Spain
Karl-Erwin Grosspietsch, Euromicro, Germany

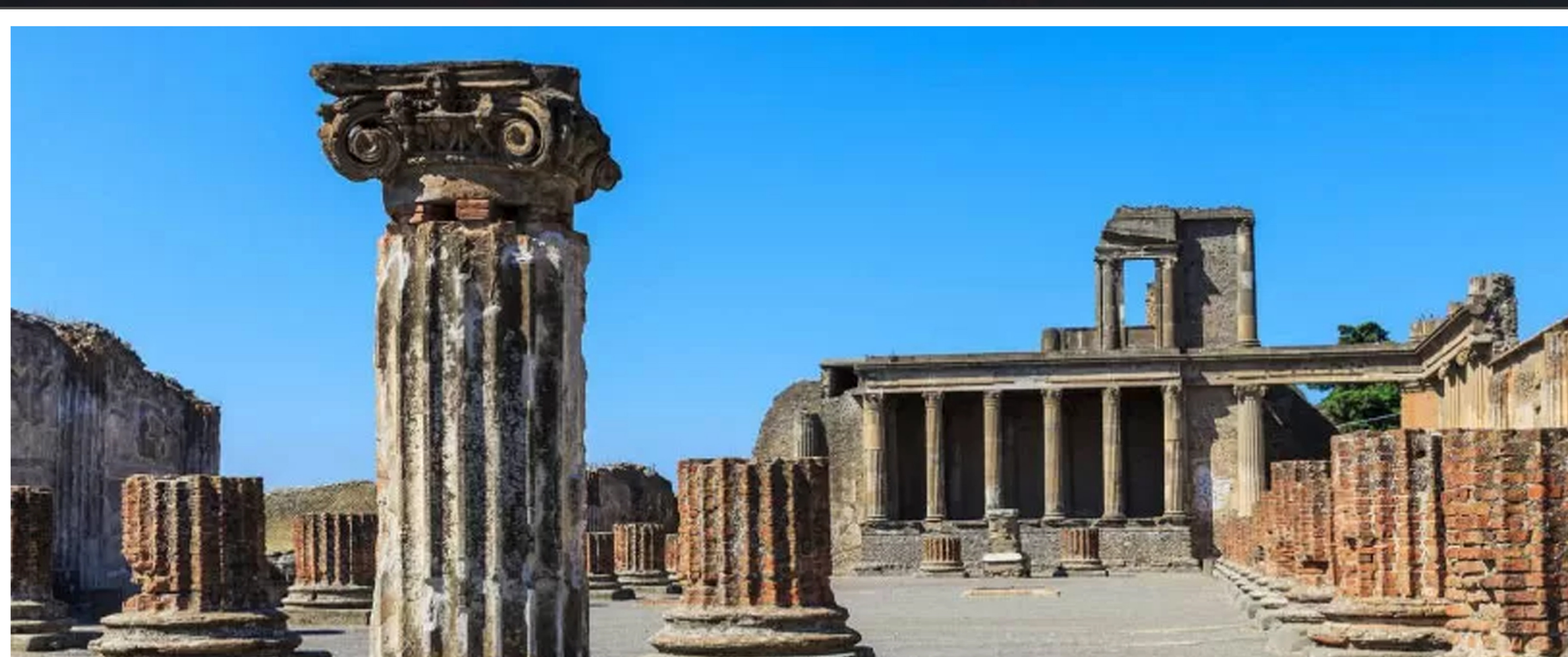
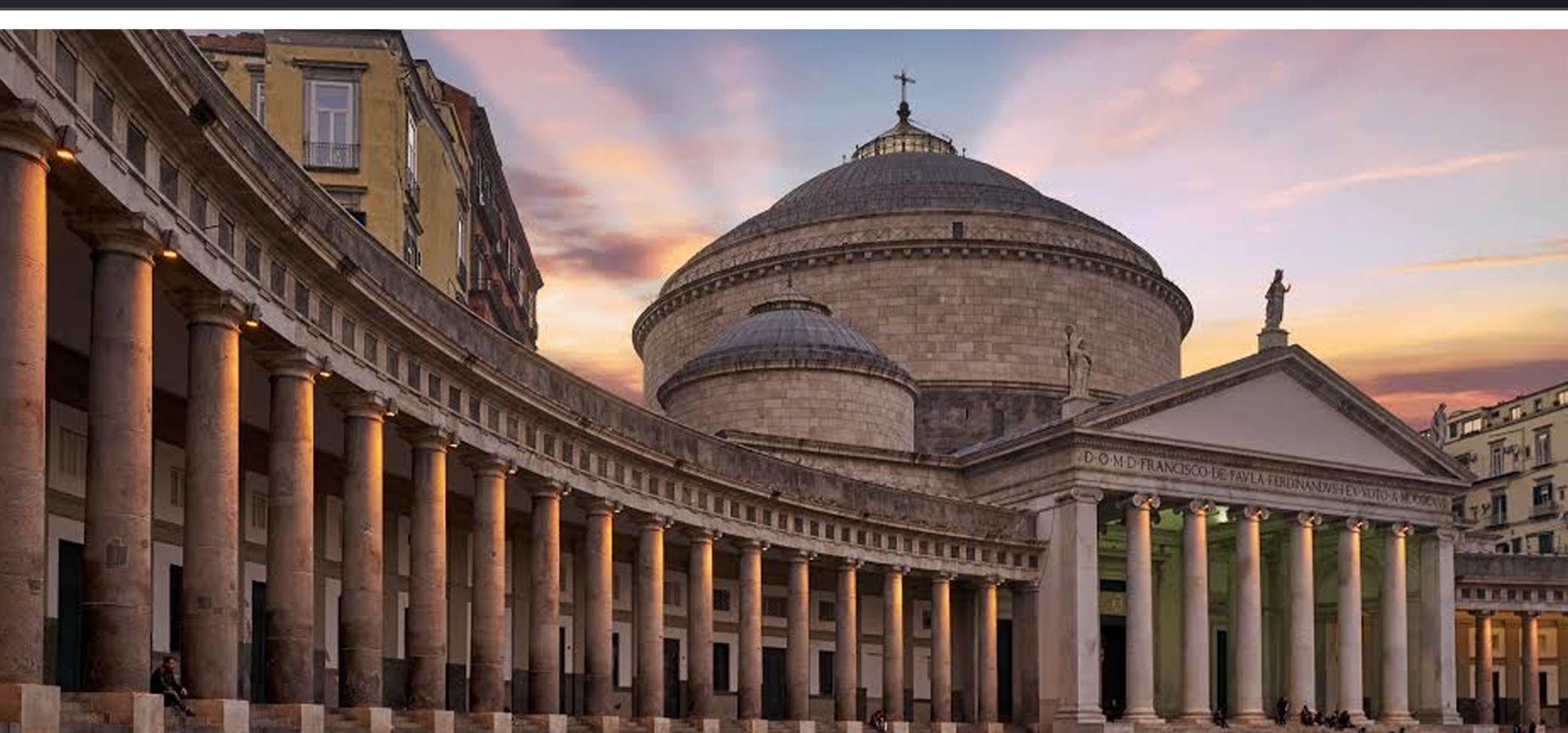
Invited Speakers

Brendan Boufler - AWS HPC Europe, UK
Angelo Ciaramella - University of Naples "Parthenope", Italy
Giuseppe Coviello - NEC Laboratories of America, USA
Pasqua D'Ambra - Italian National Council
Jorge Ejarque Artigas - Barcelona Supercomputing Center
Alessandro Mei - University of Rome "La Sapienza", Italy

Special Session

- High Performance Computing in Modelling and Simulation
- Scalable Algorithms, Libraries and Tools for Computational Science and Machine Learning on new Heterogeneous HPC Systems
- Cloud Computing on Infrastructure as a Service and its applications
- Compute Continuum
- WORKSHOP - Big Data Convergence: From Sensors to Applications
- TUTORIAL - FlexMPI: Malleability Techniques and Applications in HPC (E4 & Admire)

Villa Doria d'Angri, Naples, ITALY
1-3 March, 2023



ADMIRE
malleable data solutions for HPC

aws

NEC
NEC Laboratories America



UNICO
CAMPANIA

E4
COMPUTER
ENGINEERING