



The International Geometry Summit 2023 (IGS'23)
3-7 July, Genova - Italy

IGS'23 3.7 July
Genoa • Italy



IGS 2023 - About

The International Geometry Summit 2023 (IGS'23) will co-locate in a joint event the major conferences in applied geometry:

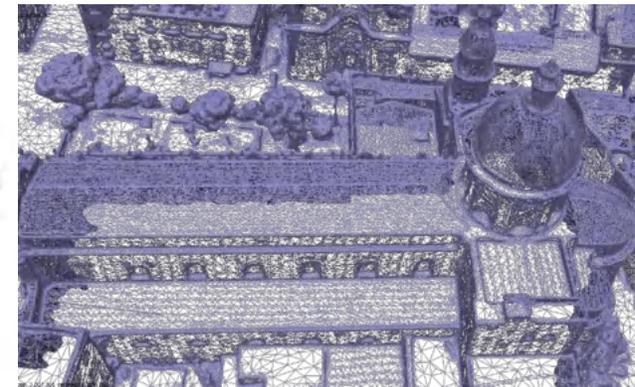
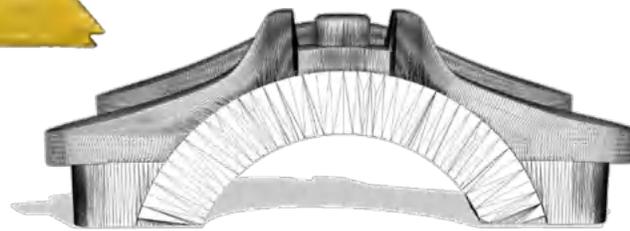
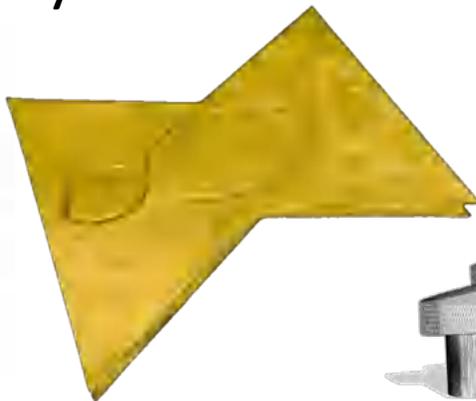
- SMI'23 - Shape Modeling International 2023 - July 4-6
 - SPM'23 - Symposium on Physical and Solid Modeling 2023 - July 5-7
 - GMP'23 – Geometric Modeling and Processing 2023 - July 6-7
 - GD'23 – SIAM Conference on Computational Geometric Design 2023 - July 3-7
 - SGP'23 - EG Symposium on Geometry Processing 2023 - July 3-5
- plus a two-day PhD school.

After the long pandemic period, the summit will offer to the scientific community the opportunity to meet again in person, combining the programmes of the five co-located conferences into one-week-long get-together with researchers and experts in the fields.

The summit's conferences will join forces to showcase the breadth and the impact of applied geometry in the scientific context as well as in today's world.

IGS 2023 - About

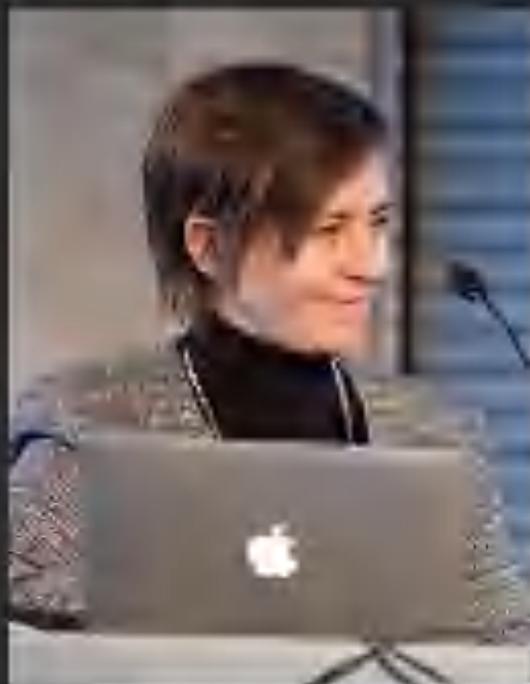
- IGS'23 will bring together a large and international community of researchers, students and practitioners that work in scientific areas related to applied mathematics, computer science, and engineering where the common interest is on research and development of effective and efficient methods for modelling, representing and processing complex 3D models.
- Given that the digital transition has changed, and is changing, most of the STEAM sectors, geometry and efficient methods and algorithms to handle geometry are at the core of several industrial application areas.



SUMMIT CHAIRS OF GS'23

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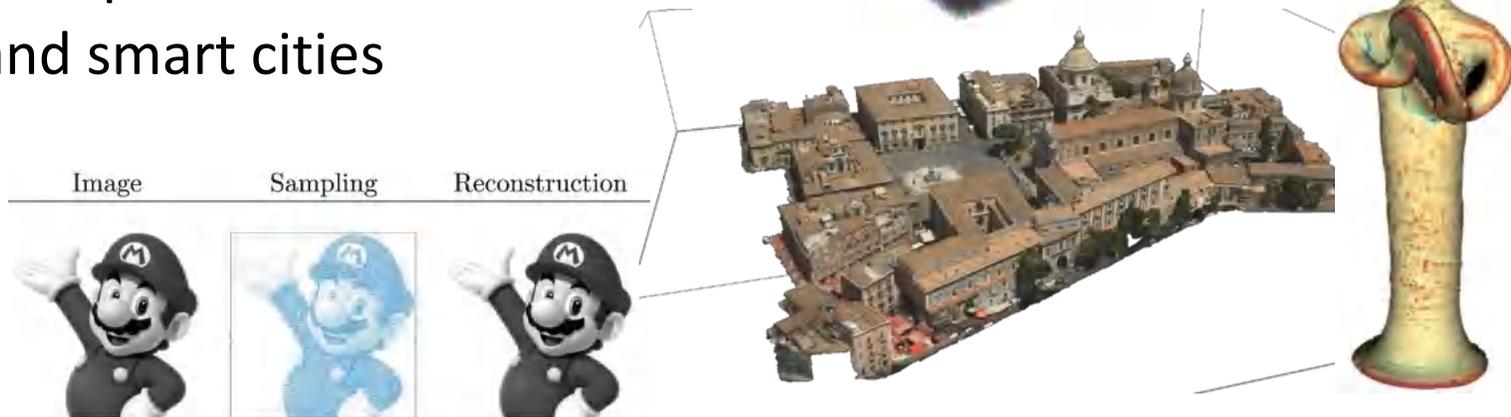
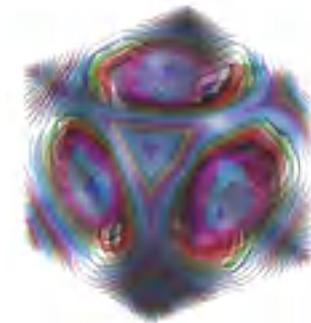
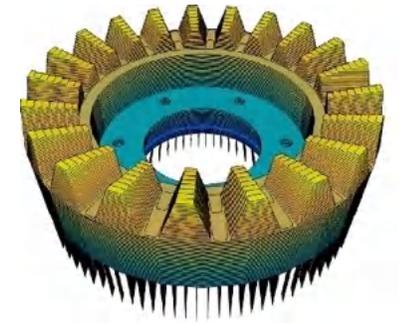


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IGS2023 – Impact and connections

- Applied geometry impacts a wide range of engineering application areas, as well as industrial sectors in which the acquisition, representation, processing, animation and transmission of complex 3D models is focal.
- Examples of industrial sectors relevant to IGS'23:
 - industrial design and numerical simulation
 - computer graphics and movie production
 - urban data management and smart cities
 - cultural heritage and art
 - bio-medical computing



Location

DAD - Department of Architecture and Design, University of Genoa, Stradone S. Agostino, 37, Genova (GE)

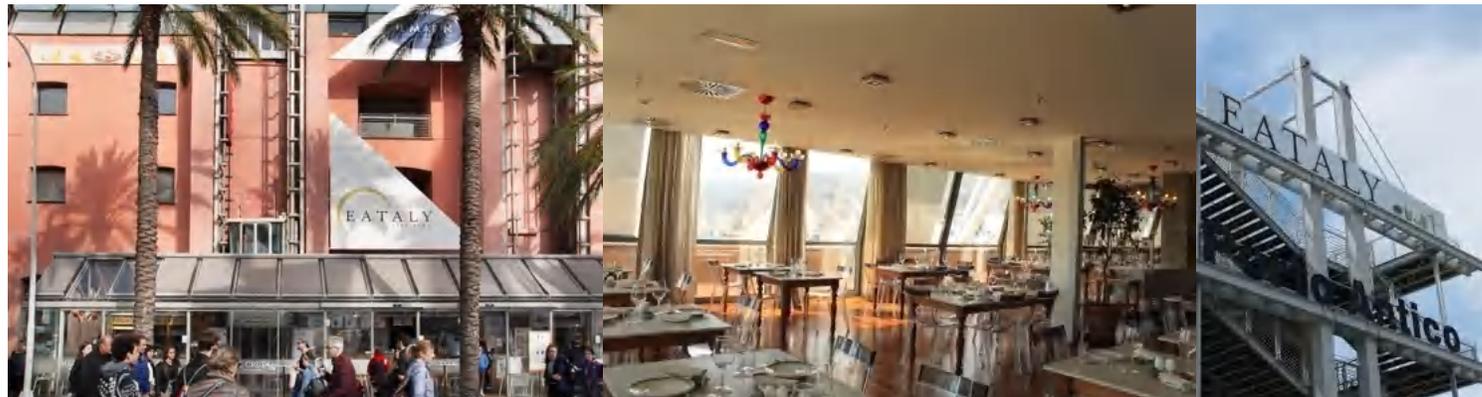


- The DAD headquarters is an articulated set of buildings in the oldest and most multicultural heart of Genoa. The classrooms and offices of the campus are housed in the ruins of ancient monasteries and churches around the medieval core of the Bishop's Palace on the Collina di Castello. The renovation of the buildings of the San Silvestro monastery, designed by engineer Luciano Grossi Bianchi, completed the project.



IGS 2023 - features

- The IGS programme will propose, beside top quality scientific contributions:
 - 10 International Invited Talks by lead scientists in the field
 - A welcome reception, in the DAD rooftop terrace
 - A gala dinner in a selected location



Local Organising committee

CNR-IMATI, sezione di Genova

- Michela Spagnuolo, Giuseppe Patanè, Silvia Maria Biasotti, Michela Mortara, Bianca Falcidieno, Tommaso Del Viscio.



Organizational Partner

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WHY to BECOME A PARTNER of the International Geometry Summit 2023 (IGS23)

- The IGS2023 will attract hundreds of researcher in Computer Graphics, Geometric Modeling and Processing, Computer-Aided Design, and more, from all over the world.
- You will have the chance to reach qualified technical and scientific profesionels from Europe, Asia and USA, both from leading companies in the sector and public entities, and young promising students as well.

