



POLITECNICO  
MILANO 1863  
DIPARTIMENTO DI MATEMATICA



# International Conference **FACES of GEOMETRY** from Agnesi to Mirzakhani

Aula Magna Edificio 1- Rettorato  
Politecnico di Milano

**13** maggio 2019

Ore 9.00 - Piazza Leonardo da Vinci, 32  
Milano

History give many examples of women who have distinguished themselves in art, science, literature and medicine. They are almost always stories of struggles and commitment that deserve to be remembered. Maria Gaetana Agnesi (18th century), author of the first book in Italian dedicated to teaching mathematics, and Maryam Mirzakhani (20th century), the first woman to win the Fields Medal for research in Geometry and Dynamical Systems, have made the difference. For this reasons, we decided to organize an international conference in order to enhance the scientific contribution of women and the geometric study that are still the object of a cultural preconception. Geometry and its applications, both analogical and digital, have great importance in our research and education activities and curriculum, constitute our basic operating language and support our semantics. The International Conference **Faces of Geometry. From Agnesi to Mirzakhani** aims to promote interdisciplinary discussions and links between theoretical research and practical studies on the various faces of geometry and its applications in architecture, art, design, education, engineering, mathematics. These fields of research can enrich one another and renew the common interests of the various disciplines, promoting female participation. Furthermore, the conference aims to provide an exchange of views and comparison to identify new areas of research and increase the quality of teaching.

During the conference, students present the artworks of the contest **The compositional power of polygon and polyedra.**

*P.Magnaghi-Delfino, G.Mele, T.Norando*

con il Patrocinio della  
unione  
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disegno