

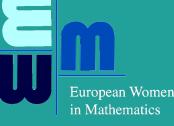
UNIVERSITA DEGLI STUDI DI TORINO



POLITECNICO DI TORINO







International Day of Women and Girls in Science

# FEBRUARY 11, 2021

9:00 Prof. Susanna Terracini "Women and Mathematics: where are we?"

10:15 Giulia Chiari Irene De Blasi Alice Ruighi

11:30 Martina Busetto

ORGANIZERS: Irene De Blasi Francesca Salvatore Elena Scalambro

### **PARTNERS:**

Department of Mathematics "G. Peano", Università di Torino Department of Mathematical Sciences "L. Lagrange", Politecnico di Torino European Women in Mathematics Elena Travaglia Martina Vanelli

14:00Giulia FerrariCarola ManolinoElena Scalambro

15:15 Lucrezia Bottegoni Francesca Salvatore

16:00 Federica Lucco-Castello Interactive Workshop "Origami and mathematical thinking"

## Click <u>here</u> to access to the event Password: IDWGS









ECCELLENZA 2018-2022

February 11, 2021

### International Day of Women and Girls in Science

Università degli Studi di Torino, Politecnico di Torino

#### Program

09:00-10:00	Prof. Susanna Terracini	<i>Women and Mathematics, where are we?</i> Discussion
10:00-10:15		Coffee break
		First thematic session
10:15-11:15	Giulia Chiari	Mathematical models for oncology: a synergy of sciences towards personalized medicine
	Irene De Blasi	Billiards with refraction: an example from Celestial Mechanics
	Alice Ruighi	Nonlinear Schrödinger dynamics on metric graphs (a variational approach)
11:15–11:30		Coffee break
		Second thematic session
11:30-12:30	Martina Busetto	Numerical modelling in porous media using the Virtual Element Method
	Elena Travaglia	A 1D numerical model for incompressible fluids in pipes with variable section
	Martina Vanelli	Game theory and applications: from opinion dynamics to electricity markets
12:30-14:00		Lunch break
		Third thematic session
14:00-15:00	Giulia Ferrari	Movement in/of mathematics: insights from a research in Mathematics Edu- cation
	Carola Manolino	<i>Cultural Transposition and the Semiosphere: tools for analysing mathematical discourse</i>
	Elena Scalambro	Gino Fano's pioneering role: a case-study from the History of Mathematics
15:00-15:15		Coffee break
		Fourth thematic session
15:15-16:00	Lucrezia Bottegoni	An overview of separable functors and their applications
	Francesca Salvatore	Special geometric structures in six and seven dimensions
		Interactive workshop

16:00–17:00 Federica Lucco-Castello Origami and mathematical thinking