

# THINK BEYOND PINK

**Celebration of the International Day of  
Women in Science**

**12<sup>TH</sup> FEBRUARY 2020**

**9:30 – 12:30**

**SALA MAXWELL (DET) – 5<sup>TH</sup> FLOOR**

Institutional greetings – Prof. Arianna Montorsi (DISAT, Politecnico di Torino)

**THE PAST:** the women engineers of Politecnico di Torino from the beginning until now – Arch. Margherita Bongiovanni (Library and Museum Area, Politecnico di Torino)

**THE PRESENT:**

- Prof. Gabriella Bosco – DET, Politecnico di Torino
- Dr. Rosanna Pastorelli – SM Optics
- Dr. Francesca Bragheri – Consiglio Nazionale delle Ricerche, CNR

ROUNDTABLE: “Towards gender equality in science” moderated by Prof. Arianna Montorsi

**THE FUTURE:** poster session by PhD students of Politecnico di Torino with a buffet offered by the OSA Chapter Torino



## ARIANNA MONTORSI

Arianna Montorsi is a professor of theoretical matter physics in Politecnico di Torino and she is the author of around 100 scientific publications. For several years she has been following the field of gender and diversity in scientific research and universities.

Since 2018, she is the representative of the Rector for Equal Opportunities, and now for Gender Equality and Inclusion. She is part of the group Tematiche di Genere of the CRUI and she belongs to the executive of the Conferenza Nazionale degli Organismi di Parità Universitari.

## MARGHERITA BONGIOVANNI

Margherita Bongiovanni is an architect and since 1998 she has been operating within the Museum and Historical Documentation Centre of Politecnico di Torino.

Since 2013, she has been responsible for the Politecnico Museum that has become part of the University Library. Her activities range from projects to preserve, conserve and promote the Politecnico historical heritage to the spread of scientific cultural programs.

Her interests also involve gender studies with a focus on women who studied at Politecnico di Torino. She is a member of A.I.D.I.A., the Italian Association of Women Engineers and Architects, and she has been the national president. Since 2014 she is a member of the Equality, non-Discrimination and Anti-Harassment Committee of Politecnico di Torino.

## GABRIELLA BOSCO

Gabriella Bosco received the PhD degree in Electronic and Communication Engineering from Politecnico di Torino, Italy, where she held a post-doctoral position in from 2002 to 2011 and she worked as an Assistant Professor from 2011 to 2014. She is currently an Associate Professor in the Department of Electronics and Telecommunications. Her main research interests include the performance analysis and design of optical transmission systems and the application of digital signal processing techniques in optical links. She has co-authored more than 200 papers in leading journals and conferences. Since 2011, she has served on the program committee of several international conferences, among which the Optical Fiber Communication conference (OFC), for which she acted as Program Chair in 2017 and General Chair in 2019. She is currently serving as Editor-in-Chief of the IEEE/OSA Journal of Lightwave Technology, having previously served as Associate Editor from 2014 to 2017 and as Deputy Editor in 2018. She was elevated to Fellow of the OSA in 2017 and of the IEEE in 2019, for contributions to modeling and design of coherent optical communication systems.

## ROSANNA PASTORELLI

Rosanna Pastorelli was born in 1970. She received the Dott. Ing. Degree in Nuclear Engineering from Politecnico di Milano and, in 2000, the Dr. Degree in Doctorate in Science and Technology in Nuclear Plant - Disciplinary Area: Physics of Materials. She spent the first fifteen years of her career in CISCO Photonic, covering the role of Reliability Engineer first and then as responsible for DWDM optical transmission system design, always working on the state of the art topics.

From 2015, she is Photonic Networking Manager at SM Optics, SIAE Microelettronica Group – Italy. She's leading the development of a DWDM platform optimized for metro-access and metro-regional applications, with a coordination role of the teams part of the project; this development involves the DWDM architecture definition, the optical components selection, the support in the I/O cards HW design, the definition of the SW algorithms for real-time DWDM network management, the experimental characterization phase. She holds several publications both in international Conferences and Magazines.

## FRANCESCA BRAGHERI

Francesca Bragheri is a Staff Researcher of the Institute of Photonics and Nanotechnology (IFN) of the Italian National Research Council (CNR). Her scientific activity has been mainly devoted to radiation-matter interaction, both in guided-wave structures and in bulk materials. Currently her research interests are related to the development of new biophotonic devices for optical manipulation and imaging of single cells and clusters.