



**POLITECNICO**  
MILANO 1863

## **Third edition of the Honours Programme** **“Engineering for Sustainable Development” at Politecnico di Milano**

18<sup>th</sup> December 2017 – 4 p.m. Room 009 BL27

Politecnico di Milano – Leonardo Campus

Universities and other higher education institutions are increasingly recognized to be key players in the third Millennium because innovation and new knowledge, capabilities and skills are needed to deal with today's global challenges, such as those addressed by the complex post 2015 agenda and its seventeen Sustainable Development Goals. A new paradigm of development needs to be drawn, able to couple economic growth with environmental preservation, social inclusion and equitable distribution of wealth and resources. Sustainable Development is also crucial at global level for political stability, international security and country competitiveness and thus involves society, public institutions and private sectors and therefore the future daily work of professional engineers.

The scientific community and the academia are currently mobilised towards this goal and many actions are in place at international level in order to understand how to enlarge the technical education and meet with the sustainable development concern. At Politecnico di Milano a dedicated Honours Programme “Engineering for Sustainable Development” has been launched in 2015. The Honours programme is a pilot experience of the School of Industrial & Information Engineering and the School of Civil, Environmental and Land Management Engineering. It is now also open to the engineering courses of the School of Architecture, Urban Planning and Construction Engineering. Its main aim is to make our engineers aware of the principles of Global Sustainable Development. The launching of the third edition of the course will be introduced by a key note lecture focusing on the interconnections linking migration-development and peace in order to highlight the complexity of today's challenges of development. During the event, diplomas will be delivered to the HP students of the first edition who completed the programmes in 2017.

### **16.00 Welcome and rationale of the HP**

Prof. Emanuela Colombo, *Member of the HP Board - Department of Energy*

### **16.15 Keynote**

Prof. Paola Garrone, *Member of the HP Board - Department of Management Engineering*

### **16.45 Ceremony for the HP graduates**

Chairpersons:

Prof. Giovanni Lozza, *Dean of the School of Industrial & Information Engineering*

Prof. Barbara Betti, *Dean of the School of Civil, Environmental and Land Management Engineering*

**Alberto Zanini**, Chemical Engineering

**Valeria Fanghella, Filippo Gambardella, Simona Bencivenni**, Management Engineering

**Gabriele Cannata**, Environmental Engineering

**Fabio Mantella**, Mechanical Engineering

**Chiara Vigone**, Energy Engineering

### **Witness statement from other HP students**

### **17.45 Introduction to the HP**

Cristina Rulli, *Member of the HP Board - Department of Civil and Environmental Engineering*

Q&A

### **18.30 Cocktail reception for diploma awarding**