

## INDUSTRIAL REFEREES

Piero Angeletti

European Space Agency

Livio Baldi

Micron Semiconductors Italia

Claudio Bartolini

HP Labs (USA)

Giuseppe Fogliazza

MCM S.p.A.

Renato Marchi

Gruppo PAM

Fabrizio Renzi

IBM Italia S.p.A.

Stefano Signani

Unicredit S.p.A.

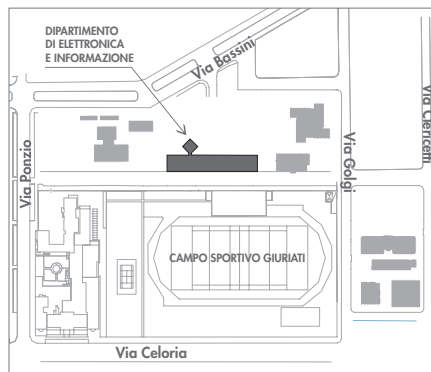
Maria Luisa Venturini

Vodafone Omnitel B.V.

Stefano Verzura

Huawei

Location: Conference Room  
Dipartimento di Elettronica, Informazione e Bioingegneria  
Politecnico di Milano  
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## COLLOQUIA DOCTORALIA 2015

PHD PROGRAM IN  
INFORMATION TECHNOLOGY

COMPUTER SCIENCE  
AND ENGINEERING

ELECTRONICS

SYSTEMS AND CONTROL

TELECOMMUNICATIONS



**POLITECNICO**  
MILANO 1863

DIPARTIMENTO DI ELETTRONICA  
INFORMAZIONE E BIOINGEGNERIA

# PhD

## IN INFORMATION TECHNOLOGY

The Dipartimento di Elettronica, Informazione e Bioingegneria offers to brilliant graduates in scientific disciplines an advanced education and research-track activity in the fundamental areas of the Information Technology (IT): computer science and engineering, electronics, systems and control, and telecommunications.

Besides specialized research, the doctorate course emphasizes cross-related research fields, such as ecology, environmental modelling, nanotechnologies, operations research, transportation, robotics, multimedia, web technology, etc.

The doctoral studies pave the way to interesting career positions, in the industrial as well as in the academic research, in Italy and abroad.

The extensive teaching program covers a variety of disciplines, forging the students towards an advanced scientific specialization, accompanied with high-spectrum culture in the unifying technological aspects that characterize the IT area.

In the laboratories, prototypes of innovative systems are developed, for electronics, robotics, telecommunication networks and optical measurements.

Basics, methodology as well as cutting-edge courses are provided in a three year based educational path. In addition, students are asked to complete a major and at least one minor research theses.

Scientific collaborations with prestigious research institutions in Europe, the United States, and elsewhere, facilitate the entrance into the world of national or international research through meetings with scientists, visits to foreign laboratories, and joint doctorate courses. The intense industrial collaboration in R&D allows the doctoral student to become acquainted with the activities of technologically advanced companies, thus acquiring the necessary elements for an informed choice between a career in industrial research or in universities.

# Program

## SEPTEMBER 28th, 2015 CONFERENCE ROOM

**11.30 - 12.00**

**Carlo Fiorini**

Overview of the Ph.D. IT Program

**12.00 - 13.00**

Presentations by the PhD prize winners

**Stefano Grillanda**

Devices and technologies for large scale integrated photonics control

**Marco Rocco**

Computationally efficient techniques for economic mechanisms

**13.00 - 14.00**

Lunch break - Third-year students' poster presentation

**14.00 - 14.45**

Round table