

Uncertainty quantification and applications

The 2019 edition will focus on a gentle introduction to some aspects of Uncertainty quantification and applications.



UNIVERSITÀ DEGLI STUDI
DI TRENTO

Dipartimento di Matematica

WHERE

Room A102 - Polo Ferrari1",
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CONTACT US

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PRIMER ON DATA SCIENCE

MATHEMATICS AND
STATISTICS FOR LIFE
AND SOCIAL SCIENCES

Povo, Trento
9-11 September 2019

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About Us

Primer on Data Science is a serie of summer schools organized by the curriculum Mathematics and Statistics for Life and Social Sciences of the Laurea Magistrale in Mathematics (Department of Mathematics, University of Trento), to the aim of introducing third year bachelor students and bachelor graduates to the topics of this curriculum. Every year the school will have a different topic

OUR GOALS

PROGRAM

09/09/2019

08:00

REGISTRATION DESK IS OPEN
AND WELCOME

8:30 - 16:30

UNCERTAINTY QUANTIFICATION OF
PDES WITH RANDOM COEFFICIENTS
Lorenzo Tamellini (CNR-IMATI)

10/09/2019

09:00 - 17:30

MARKOV CHAIN MONTE CARLO
METHODS FOR BAYESIAN
LEARNING AND UNCERTAINTY
QUANTIFICATION

**Marco Broccardo (ETH Zürich,
Switzerland)**

11/09/2019

09:00 - 17:30

ADVANCED SPORTS ANALYTICS
THROUGH STATISTICAL MACHINE
LEARNING

Roberta Sirovich (University of Turin)



ORGANIZERS

- Claudio Agostinelli
- Andrea Pugliese
- Alberto Valli

LECTURERS

- Lorenzo Tamellini (CNR-IMATI, Pavia, Italy)
- Marco Broccardo (Swiss Seismological Service, ETH Zürich, Switzerland)
- Roberta Sirovich (Dipartimento di Matematica "Giuseppe Peano", University of Turin, Turin, Italy)