

# Bayesian Statistics and its applications in Epidemiology and Neural Activity

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The 2018 edition will focus on a gentle introduction to some aspects of Bayesian Statistics and its applications in Epidemiology and Neural Activity



UNIVERSITÀ DEGLI STUDI  
DI TRENTO

Dipartimento di Matematica

## WHERE

All the activities are in room A107  
of Polo Scientifico e Tecnologico  
"Fabio Ferrari", Povo 1-Trento

## CONTACT US

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# PRIMER ON DATA SCIENCE

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MATHEMATICS FOR LIFE AND  
DATA SCIENCES

Povo, Trento  
27-29 June 2018

# About Us

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Primer on Data Science is a serie of summer schools organized by the curriculum Mathematics for Life and Data 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

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**27/06/2018**

08:00

REGISTRATION DESK IS OPEN AND WELCOME

8:30 - 18:00

INTRODUCTION TO BAYESIAN STATISTICS (PART 1)

Luigi Spezia (BIOSS, Scotland)

**28/06/2018**

08:30 - 12:30

INTRODUCTION TO BAYESIAN STATISTICS (PART 2)

Luigi Spezia (BIOSS, Scotland)

14:00 - 18:00

MODELLING NEURAL ACTIVITY BY MAGNETO-/ELECTRO-ENCEPHALOGRAPHY (M/EEG), (PART 1)

Alberto Sorrentino (UNIGE, Italy)

**29/06/2018**

08:30 - 12:30

MODELLING NEURAL ACTIVITY BY MAGNETO-/ELECTRO-ENCEPHALOGRAPHY (M/EEG), (PART 2)

Alberto Sorrentino (UNIGE, Italy)

14:00 - 18:00

BAYESIAN METHODS APPLIED TO COMPUTATIONAL EPIDEMIOLOGY

Piero Poletti (FBK)



## ORGANIZERS

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- Claudio Agostinelli
- Andrea Pugliese
- Alberto Valli

## LECTURERS

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- Luigi Spezia (Biomathematics & Statistics Scotland, Bioss)
- Alberto Sorrentino (Department of Mathematics, University of Genova)
- Piero Poletti (Fondazione Bruno Kessler, FBK)