

Bocconi summer school on "Graphical Models"

**** CALL FOR APPLICATIONS ****

Bocconi Summer School in Advanced Statistics and Probability:

"Graphical Models"

July 9-20, 2018

<http://asps.lakecomoschool.org>

We are pleased to announce that the 2018 edition of the Bocconi Summer School in Advanced Statistics and Probability, on "GRAPHICAL MODELS", will take place on July 9-20, 2018, at Villa del Grumello, on the shores of the Lake of Como, Italy.

PROGRAM

Graphical models yield a rich framework for encoding probability distributions over complex domains, involving large numbers of random variables that interact with each other. These representations rely on concepts from probability theory, graph algorithms, statistics, computer science and more. They are the basis for revolutionary methods in a wide variety of applications, such as medical diagnosis, image understanding,

forensic genetics, speech recognition, natural language processing, machine learning problems, and much more. The course will present the fundamental theory and methodology, illustrated with applications and case studies.

INSTRUCTORS

Steffen Lauritzen (Department of Mathematical Sciences, University of Copenhagen)

Robin Evans (Department of Statistics, University of Oxford, UK)

Tutorials:

Søren Wengel Mogensen (Department of Mathematical Sciences, University of Copenhagen)

The Bocconi Summer School in Statistics and Probability is offered by Bocconi University, Milano, and is hosted by the Lake Como School of Advanced Studies. The aim of the School is to establish a track of high level courses on cutting-edge topics in Statistics and Probability. The school offers lectures delivered by internationally leading scholars on the specific designated topic, and supervised tutorials. The summer school is open to all interested scholars, but is especially addressed to PhD students, and possibly to brilliant

MSc graduates/students interested in pursuing doctoral studies in Statistics, Probability, Data Science, Computer Science and related fields.

APPLICATIONS:

In order to foster active interaction among students and instructors, the School is targeted for a class of at most 30 qualified and selected participants.

Applications can be submitted by March 15, 2018.

REGISTRATION and FEES.

The registration fee (450 euro) covers all the school activities and course material; wi-fi connection; all work-days lunches; welcome cocktail; accommodation for the 2 weeks (July 8-July 21, 2018).

Admitted participants should register by April 20, 2018.

For more information, please visit the school website

<http://aspas.lakecomoschool.org>

or contact BBS.statistics@unibocconi.it