EVA RICCOMAGNO
UNIVERSITY OF GENOVA

FEDERICO CARLI
UNIVERSITY OF GENOVA

GRAPHICAL MODELS

AN HACKING DAY AT THE DEPARTMENT OF MATHEMATICS

The course is an introduction to statistical models supported on finite graphs. The idea of modelling a complex system with a graph is present in various disciplines, from information theory to systems engineering to machine learning. In statistics a graphical model specifies conditional independence statements between random vectors, thus providing a statistical model for the joint distribution of observed variables. The graph has the advantage of providing a visual representation and is a powerful calculation tool. The course presents the basics of probabilistic graphical models, including their algebraic representations and basic software.

INFORMATION:

http://datascience.maths.unitn.it/events/gm2019/index.html

SCHEDULE

Monday 2019/01/28 14.00-18.00
Tuesday 2019/01/29 9.00-13.00
@ Povo 1, Room A219

DETAILS

- Venue: Polo Scientifico e Tecnologico F. Ferrari
- Language: English
- Admission: Course is open to everyone and free.
- How to apply: send an email to Claudio Agostinelli
- (claudio.agostinelli@unitn.it)

UNIVERSITÀ DEGLI STUDI DI TRENTO
Dipartimento di Matematica