



Cargèse International School 2020

NETGCOOP 2020 - International Conference on NETWORK Games, Control and Optimisation

Mars 18 - 20, 2020

Web site

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CentraleSupélec



Le réseau
de l'intelligence
électrique



The goal of the conference is to bring together researchers and practitioners from different areas of game theory, control, and optimization, with a special focus on their applications to network science.

NetGCoop 2020 welcomes submissions on all aspects of efficient and robust control, operation, optimization and performance evaluation. Both theoretical and experimental submissions are encouraged

Main topics will include

- Optimization and control-theoretic tools in networking
- Differential games and mean-field games over networks
- Network models based on algorithmic game theory
- Learning mechanisms in networks
- Incentives for cooperation in networks
- Static and dynamic network pricing
- Auctions, bargaining, and contract design in networks
- Optimization of wireline, wireless, and power networks
- Economics of cloud, fog, and edge computing
- Software-defined networking
- Trust and reputation management in network
- Games for competition, ad placement, influence networks
- Network formation games and routing
- Resource allocation

Eminent scientists in the field will animate the workshop. These include:

Anna Nagurny (Univ of Massachusetts), Marco Scarsini (LUISS, Italy), Jason Marden (Univ of California, Santa Barbara)

Organization and Scientific Committees

Tansu Alpcan (Univ of Melbourne), Tamer Basar (UIUC), Juntao Chen (NYU), Mérouane Debbah (Huawei France Research Center), Salah Eddine El Ayoubi (Centrale Supélec), Nathalie Gillot (Inria), Samson Lasaulce (L2S), Panayotis Mertikopoulos (CNRS / LIG), Ariel Orda (Technion), Essaid Sabir (Univ Hassan II of Casablanca), Corinne Touati (Inria), Mikael Touati (Orange Labs), Quanyan Zhu (NYU), .

Application and registration

<https://project.inria.fr/netgcoop2020/>

Deadline Application : 2020, 1 February

Registration Fees : 220€ to 400€