

Thursday, May 9, first floor, Aula Magna DEI

8.50-9.00 **Opening**

9.00-9.45 **Marc Jungers** (CRAN, CNRS, Université de Lorraine, France), *Historical perspectives of the Riccati equations: 300 years of history*

9.50-10.35 **Ming Cao** (University of Groningen), *Analysis and Control of Network Dynamics for Evolutionary Matrix Games*

10.40-11.05 **Coffee break**, Sala Riunioni DEI D, I floor

11.10-11.35 **Martino Bardi**, *Some results on Mean Field Games by the research group in Padova*

11.40-12.05 **Luca Zancato**, *Understanding the loss landscape of Deep Neural Networks*

12.10-12.35 **Monica Motta**, *Stabilizability in optimal control*

12.40-13.05 **Giulia Michieletto**, *The mathematics of actuation, decoupling, robustness properties for generically tilted multirotor platforms*

13.10-14.25 **Lunch**, Sala Riunioni DEI D, I floor

14.30-14.55 **Sandro Zampieri**, *Efficient data transmission over dynamical complex networks*

15.00-15.25 **Francesco Fassò**, *Motion planning and dynamics in relative periodic orbits*

15.30-15.55 **Nicola Bastianello**, *Operator Theory for Distributed Optimisation*

16.00-16.25 **Coffee break**, Sala Riunioni DEI D, I floor

16.30-16.55 **Marta Zoppello** (University of Verona), *Controllability and trajectory heneration for the hydrodynamic Chaplygin sleigh*

17.00-17.25 **Nicola Sansonetto** (University of Verona), *DMP*

17.30-17.55 **Marco Fabris**, *On the relation between the eigenvalues induced by a class of circulant graphs and the Dirichlet kernel*

18.00-18.25 **Mattia Zorzi**, *A Scalable Strategy for the Identification of Latent-variable Graphical Models*

18.30 **End of talks**

Friday, May 10, first floor, Room 1AD100 DM

8.50-9.00 **Opening**

9.00-9.45 **Giulia Giordano** (TU Delft) *Control-theoretic tools for the structural analysis of biological systems*

9.50-10.35 **Michele Palladino** (Gran Sasso Science Institute - GSSI), *Modeling the root growth: an optimal control approach*

10.40-11.05 **Coffee break**, Torre Archimede, VII floor

11.10-11.35 **Giovanni Colombo**, *Optimal control and state constraints: a model for a crawling robot*

11.40-12.05 **Luca Schenato**, *Control over wireless: an unfinished journey*

12.10-12.35 **Franco Rampazzo**, *On infimum gaps and abnormality*

12.40-13.05 **Francesco Ticozzi** *The whole from the parts: three inequivalent ways to obtain pure quantum states from local information.*

13.10-14.25 **Lunch**, Torre Archimede, VII floor

14.30-14.55 **Irene Zorzan**, *From single-cell to multi-cell systems space-time differentiation: a case study*

15.00-15.25 **Francesco Rossi**, *Control of the transport equation for crowds*

15.30-15.55 **Matthias Pezzutto**, *Reference Governor Control over wireless channels*

16.00-16.25 **Coffee break**, Torre Archimede, VII floor

16.30-16.55 **Gianluigi Pillonetto**, *Machine Learning for Linear System Identification*

17.00-17.25 **Alessandro Chiuso**, *Control-Oriented Learning*

17.30-17.55 **Giorgia Callegaro**, *Optimal reduction of public debt under partial observation of the economic growth*

18.00-18.25 **Tiziano Vargiolu**, *On the singular control of exchange rates*

18.30 **End of talks**