

Young Researcher Workshop: Program

Wednesday 29th of January

8:30-9:00	Registration/ Opening Session
9:00-11:00	Andrea Boccia-Vryan Gil Palma: "Introduction to MPC"
11:00-11:30	Coffee Break
11:30-12:00	Maria Soledad Aronna: "Limit Trajectories of Control Systems"
12:00-12:30	Marco Mazzola: "Impulsive Feedback Controls"
12:30-14:00	Lunch
14:00-16:00	Mario Zanon, Vryan Gil Palma: "Introduction to MPC"
16:00-16:30	Coffee Break
16:30-17:00	Andrea Boccia: "Numerical methods for NMPC and MHE"

Thursday 30th of January

9:00-11:00	Dante Kalise: "Reduced order modelling for control design"
11:00-11:30	Coffee Break
11:30-12:00	Teresa Scarinci: "A new approach to Mayer problems for differential inclusions"
12:00-12:30	Pablo Maldonado: "Discrete time mean field games"
12:30-14:00	Lunch Break
14:00-16:00	Cristopher Hermosilla: "Stratifications and Regularity Concepts"
16:00	SADCO Young Researcher Editorial Board Meeting

Friday 31st of January

- 9:00-11:00 **Athena Picarelli-Francisco Silva:** "Stochastic Control"
- 11:00-11:30 Coffee Break
- 11:30-12:00 **Jürgen Sprekels:** "Introduction into the Optimal Control of PDEs"
- 12:00-12:30 **Mohammad Hassan Farshbaf-Shaker:** "Relating phase field and sharp interface approaches to structural topology approximation"
- 12:30-14:00 Lunch Break
- 14:00-16:00 **Athena Picarelli-Francisco Silva:** "Stochastic Control"
- 16:00-16:30 Coffee Break
- 16:30-17:00 **Dietmar Hömberg:** "Sufficient optimality conditions for a semi-linear parabolic system related to multiphase steel production"
- 17:00 **Closing Session**