



POLITECNICO
DI TORINO



PIC4SeR

Wednesday, December 5, 2018

Castello del Valentino

Viale Mattioli 39, Torino - ITALY

The PIC4SeR Interdepartmental Centre is dedicated to the study and development of innovative technologies and experimental solutions in the field of **autonomous and collaborative robotic systems**. The reference areas are precision agriculture, smart cities, search and rescue operations, patrol and rapid alert systems, life support for elderly and disabled people and the monitoring and safeguarding of the territory.

2018 Annual meeting

Only for Internal Members

9:30 Introduction (M. Chiaberge)

10:00 PhD Short presentations (15' each)

- Exploring low cost solutions for navigation of robotic vehicles (N. Gogoi)
- Machine learning applications: today and tomorrow (V. Mazzia)
- Indoor/outdoor positioning using Ultra-wide band (UWB) technologies: Positioning accuracies and sensors' performances (V. di Pietra)
- Multiscale analysis for vineyard classification: a real case (M. Musci)
- An optimization model for efficient UGV motions during farming activities (L. Tiotsoy)
- Agri.Q: UGV for precision agriculture (P. Cavallone)
- Human machine co-living (M. Cataffo)
- Vision aided cooperative positioning (A. Osman)

12:00 PIC4SeR tools/resources/policies (M. Chiaberge)

12:30 Lunch (Sala Colonne) – Advisory Board is invited

OPEN

14:00 Poster & Demo (Sala Caccia)

15:00 Advisory Board Meeting (Salone Centrale)



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