

LCIS Scientific Day

Theme: AI for Embedded Communication Systems - Opportunities and Challenges

Thursday 10 April 2025

lcis.grenoble-inp.fr

9h00 - 9h30: Welcome coffee and opening of the day (room D030), Ionela Prodan

9h30 - 10h15: Multi-Robot Social Navigation with Deep Reinforcement Learning
Laetitia Matignon (Mcf., LIRIS, Université de Lyon 1)

10h15 - 11h00: Robustness in Deep Learning: From Data to Inference
Théo Stoskopf (Postdoc, LIP, ENS de Lyon)

11h00 - 11h45: Poster presentations (hallway building C)

11h45 - 12h30: Energy-Efficient and Edge-AI IoT
Pietro M. Ferreira (Prof., CROMA, Université Savoie Mont Blanc)

12h30 - 13h45: Lunch (room C080)

13h45 - 14h30: Examples of Embedded Supervised and Unsupervised AI
Christophe Cérin (Prof., LIPN, Université Paris 13)

14h30 - 15h15: AI & Control: Opportunities to Tame Usage of Resources
Sophie Cerf (Research Scientist, Spirals team, INRIA, Grenoble)

15h15 - 16h00: Poster presentations (hallway building C)

16h00 - 16h40: Analysis of Radio Frequency Signals on Embedded Systems
Louis Morge-Rollet (newly recruited Mcf., ORSYS team, LCIS - Grenoble INP)

16h40 - 17h20: Statistical Methods for Graph Model Selection
Louis Duvivier (newly recruited Mcf., CO4SYS team, LCIS - UGA)

17h20 - 17h50: Chair MIAI (Multidisciplinary Institute in Artificial Intelligence) Grenoble Alpes
Sophie Achard (Scientific Director Chair MIAI)

17h50 - 18h00: Closing of the day (room D030), Ionela Prodan, Vincent Beroulle

Potluck dinner (room C080)



The inscription is mandatory at the following link:
[link for inscription.](#)

This event will take place from 9h00 to 18h00 mainly in the [room D030](#) of Esisar, Grenoble INP, Univ. Grenoble Alpes, 50 rue Barthélémy de Laffemas, 26000, Valence. For more info you can contact:
ionela.prodan@lcis.grenoble-inp.fr.