

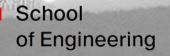
# **CERN - EPFL Workshop** Wednesday October 23, BM5202

"A research workshop to plan common projects between Laboratories of the School of Engineering and CERN"

| 9h00 - 9h15   | Ali Sayed, Dean of Engineering<br>Holger Frauenrath,<br>Associate Dean for industry and Innovation | Welcome and intro   |
|---------------|--|---|
| 9h15 - 9h45   | M. Di Castro<br>Section Leader of the Robotics team  | Mechatronics, robotics and applications of artificial intelligence and machine learning in engineering problems at CERN: possible EPFL students opportunities |
| 9h45- 10h15   | Vincent Chareyre<br>Section Leader of the Electrical Network<br>Maintenance Section                | UPS batteries on-line diagnostics needs at CERN: possible EPFL collaboration  |
| 10h15         | Michele Ceriotti (EPFL)  | NCCR Marvel   |
| 10h30         | Coffee break and networking  |   |
| 11h00 - 11h15 | Mario Paolone  | Distributed Electrical Systems Laboratory (DESL)  |
| 11h15 - 11h30 | Giovanni Pizzi   | IT technologies for data storage and open science   |
| 11h30 - 11h45 | Volkan Cevher  | Laboratory for Information and Inference Systems (LIONS)  |
| 11h45 - 12h00 | Ali Sayed  | Adaptive Systems Laboratory (ASL)   |
| 12h00 - 12h15 | Konstantinos Chatzilygeroudis  | Learning algorithms and systems Laboratory (LASA)   |
| 12h15 - 12h30 | François Fleuret   | L'IDIAP Laboratory  |
| 12h30 - 12h45 | Auke Ijspeert  | Biorobotics Laboratory (BioRob)   |
| 12h45 - 13h00 | Véronique Michaud  | Laboratory for Processing of Advanced Composites (LPAC)   |
| 13h00         | Lunch break and networking   |   |









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# List of participants from CERN

Roberto Losito (Head of the Engineering (EN) Department)

## **EN-SMM Group**

- Alessandro Masi, Group Leader of the Survey, Mechatronics and Measurements (SMM) Group
- Mario Di Castro, Section Leader of the Mechatronics, Robotics and Operation (MRO) Section

#### **EN-EL Group**

- Nicolas Bellegarde, Group Leader of the Electrical Engineering (EL) Group
- Vincent Chareyre, Section Leader of the Electrical Network Maintenance Section

### **EN-STI Group**

- Marco Calviani, Section Leader of the Targets, Collimators and Dumps Section
- Sebastian Rothe, member of the Radioactive Beam Sources Section

#### **EP-CMG Group (CMS Experiment)**

- Paris Sphicas, Section Leader of the Online Selection Section of the CMS Experiment at the LHC.
- Maurizio Pierini, member of the CMS Physics, Software and Computing Group

