



Preliminary Program

Thursday 29 May

- 9:30 – 10:30 : Reception (coffee)
- 10:30 – 10:45 : Welcome (IUT Director – Prisme Institut)
- 10:45 – 12:15 : Industrial Tutorial presentations :
 - 10:45 – 11:30 : "RobuBox", Robosoft
 - 11:30 – 12:15 : "RTMaps software - Real-Time Multisensor Prototyping Software", Intempora
- 12:15 – 14:00 : Lunch
- 14:00 – 18:00 : Tutorial RobuBox / Microsoft Robotic Studio - Robosoft
- 14:00 – 18:00 : Tutorial RTMaps – Intempora
- 14:00 – 15:30 : Session 1
 - 14:00 – 14:30 : "A simple architecture for modular robots", Aurélien Godin, DGA-ETAS
 - 14:30 – 15:00 : "Toward an hybrid control architecture for a mobile multi-robot systems", Ahmed Benzerrouk, Lounis Adouane, Nicolas Andreff, LASMEA
 - 15:00 – 15:30 : "HNG: a Hybrid Network-based Generic architecture for fast prototyping and evaluation of robust autonomous vehicle systems", R. Jaulmes, E. Moliné, DGA - CEP
- 15:30 – 16:00 : Coffee break
- 16:00 – 17:30 : Session 2
 - 16:00 – 16:30 : "Adaptive Autonomy for a Human-Robot Architecture", Stéphane Mercier, Catherine Tessier and Frédéric Dehais, ONERA & ISAE
 - 16:30 – 17:00 : "Distributed multi-agent architecture for redundant robots applied to humanoid", Philippe Lucidarme, LISA University of Angers,
 - 17:00 – 17:30 : "D'une Approche Modulaire à une Approche Orientée-Composants pour le Développement de Systèmes Autonomes : Défis et Principes", Imen Kahloul, Saddek Bensalem, Félix Ingrand,
- 20:00 : Gala Dinner



Preliminary Program

Friday 30 May

- 8:30 – 9:00 : Reception (coffee)
- 8:30 – 12:00 : Tutorial RobuBox / Microsoft Robotic Studio - Robosoft
- 8:30 – 12:00 : Tutorial RTMaps - Intempora
- 9:00 – 10:30 : Session 3
 - 09:00 – 09:30 : "Geometric and symbolic reasoning for mobile robotics", Julien Guitton and Jean-loup Farges, ONERA
 - 09:30 – 10:00 : "Towards the Formal Verification of Autonomous Satellite Onboard Flight Software", Michel Lemaître, Gérard Verfaillie, CERT / ONERA Toulouse
 - 10:00 – 10:30 : "Coordination despite constrained communications: a satellite constellation case" Grégory Bonnet and Catherine Tessier, ONERA Toulouse
- 10:30 – 11:00 : Coffee break
- 11:00 – 12:00 : Session 4
 - 11:00 – 11:30 : "Formation control for a class of output-feedback systems", Jawhar Ghommam, Nabil Haddad and Gérard Poisson, Institut PRISME
 - 11:30 – 12:00 : "SoViN: a software platform for Visual Navigation", Laurent Lequière, Jonathan Courbon, Youcef Mezouar and Philippe Martinet, LASMEA
- 12:00 – 14:00 : Lunch
 - 14:00 – 14:30 : "PROTEUS", Consortium represented by Bruno Patin, Dassault Aviation
- 14:30 -16:30 : Round table (*with GT4-GdR Robotique*)

<http://www.bourges.univ-orleans.fr/CAR08>

