

ENSTA

Originally founded in 1741, the Ecole Nationale Supérieure de Techniques Avancées is the result of a merger with four schools in 1970. ENSTA, a state supported institution of higher education and research, is one of the most prestigious engineering Grande Ecole in France. Based in Paris, ENSTA offers graduate level scientific education, excellent research facilities, a broad international network and several extra-curricular activities. Students can choose from among 15 different specialities including Offshore and Naval Architecture, Robotics and Embedded Systems, Multimedia and Communications, Environment, Chemical Engineering, Transportation Systems, etc.

Research at ENSTA

The objectives of research at the ENSTA are to advance knowledge, to disseminate knowledge to others, to contribute to the education of students in science and technology.

Today, the research center includes 5 laboratories: The Department of Applied Optics, The Department of Chemical Engineering, The Department of Electronics and Computer Engineering, The Department of Applied Mathematics, The Department of Mechanics.

ENSTA's five laboratories covering the main scientific fields are affiliated with CNRS, the French National Center for Scientific Research, and with other public institutions: Polytechnique, INRIA...

ENSTA and ParisTech

ENSTA is a founding member of ParisTech, the Paris Institute of Technology. This is a group of ten foremost French institutes of engineering. Covering almost the whole range of science and engineering, it forms a comprehensive scientific and technical university. Each of the member institutes is recognized as the best in the country in its own field. Those fields are complementary and cover practically all the engineering sciences. ParisTech delivers approximately 2500 engineering degrees every year and hosts some 1200 doctoral students. The faculty is composed of over 1500 persons, who are active in its 120 research laboratories.



Paris March 28th, 2006

FIRST URBI WORKSHOP

École Nationale Supérieure
de Techniques Avancées

32, bd Victor - 75739 Paris Cedex 15



▶▶ From 9.30 to 12.30

▶▶ From 14.00 to 18.00

9.30	URBI Introduction and Tutorial <u>Jean-Christophe Baillie</u>, ENSTA/Gostai
10.15	Designing developmental systems with URBI : past experiences and future projects <u>Frédéric Kaplan</u>, Sony CSL
10.45	<i>Coffee break</i>
11.15	Learning Conditional Behavior via Human-Robot Interaction <u>Peter F. Dominey & Jean-David Boucher</u>, CNRS Lyon
11.40	Comparison of synchronous and asynchronous control modes on dynamic control <u>Ricardo Tellez</u>, Technical University of Catalonia
12.05	Roda project <u>Omar Hammami</u>, ENSTA
12.30	<i>Lunch</i>

14.00	Embedding a mobile robot into an ambient intelligent environment using URBI <u>Verena V. Hafner</u>, Technical University of Berlin
14.25	Usage of URBI as an educational tool in robotic courses <u>Vincent Hugel</u>, LRV
14.50	Presentation of the winner of the URBI Academy Challenge
15.15	<i>Coffee break</i>
15.35	Creation of behaviors in URBI <u>Diego Pardo</u>, Technical University of Catalonia
16.00	Using self-directed speech to scaffold emergent cognitive architectures <u>Robert Clowes & Antony Morse</u>, University of Sussex
16.25	Anty, an intelligent huggy robot <u>Jelle Saldien</u>, Vrije Universiteit Brussel
16.50	A small humanoid robot using URBI <u>Bruno Maisonnier</u>, Aldebaran Robotics
17.15 • 18.00	Conclusion, debate and questions