



Tuesday, June 14, 2011

3.00 – 7.00 PM

Wednesday, June 15, 2011

9.00 – 13.00 AM

Aula A.1.1

Facoltà di Ingegneria

Seminari del Centro Piaggio

New Frontiers of Robotics

Science and Technology:

a Brainstorming Jam Session

Programme:

Tuesday, June 14

15.00 Alessandro De Luca

Robot collision detection and safe reaction

15.40 Jean-Paul Laumond

On human and humanoid locomotion

16.20 Darwin Caldwell

Compliance and Humanoid Robots

17.00 Coffee Break

17.20 Antonio Bicchi

“Embodied Intelligence” and Variable Impedance Actuation

18.00 Seth Hutchinson

A Hyperbelief Space Approach to Computing Optimal Policies for POMDPs

Wednesday, June 15

9.00 Marco Gabiccini

Modeling Human and Robot Hands

9.40 Domenico Prattichizzo

Mapping human postural synergies to robots

10.20 Francois Chaumette

Recent Results in Visual Servoing

11.00 Coffee Break

11.20 Monique Chyba

Guidance and Navigation of Autonomous Underwater Vehicles Using Geometric Control

12.00 Andrea Caiti

Autonomous underwater robots and distributed cooperation algorithms in a communication constrained environment: preliminary results from the field