

Tutorials and Workshops

Tuesday, 10 April 2007

8:30-18:00

School of Engineering (Università di Roma “La Sapienza”)

TF-1: Full-day Workshop

From features to actions: unifying perspectives in computational and robot vision

Danica Kragic and Ville Kyrki

Contact: dani@kth.se

<http://www.nada.kth.se/~danik/wicra.html>

TF-2: Full-day Workshop

Robotics in challenging and hazardous environments

Ashley Stroupe and Ayanna Howard

Contact: Ashley.W.Stroupe@jpl.nasa.gov

<http://humanslab.ece.gatech.edu/ICRAWorkshop.html>

TF-3: Full-day Workshop

Collision-free motion planning for dynamic systems

Roberto Lampariello and Florent Lamiraux

Contact: Roberto.Lampariello@dlr.de

<http://www.robotic.dlr.de/126>

TF-4: Full-day Workshop

Omniscient space: robot control architecture geared toward adapting to dynamic environments

Nak Young Chong, Toru Yamaguchi, Shigeko Sugano, Toshio Fukuda, and Kazuo Tanie

Contact: nakyoung@jaist.ac.jp

http://www.jaist.ac.jp/robot/ICRA07_WS

TF-5: Full-day Workshop

Neurorobotics: an interdisciplinary approach to the design of a new generation of high-performance robots

Paolo Dario and Alain Berthoz

Contact: dario@arts.sssup.it

<http://www-arts.sssup.it/ICRA07WS/neuro-robotics>

TF-6: Full-day Workshop

Haptic perception and rendering

Miguel Otaduy and Dinesh Pai

Contact: otaduy@inf.ethz.ch

http://graphics.ethz.ch/research/ICRA07_HAPTICS

TF-7: Full-day Tutorial

Computer-integrated surgery and interventional robotics

Gabor Fichtinger

Contact: gabor@cs.jhu.edu

<http://www.cisst.org/wiki/ICRA-2007-tutorial>

TA-8: Half-day Workshop (morning)

Concept learning for embodied agents

Monica Reggiani, Debora Botturi, and Paolo Fiorini

Contact: monica_reggiani@yahoo.com, debora@metropolis.sci.univr.it

<http://metropolis.sci.univr.it/icra2007workshop>

TP-9: Half-day Workshop (afternoon)

Semantic information in robotics

Joachim Hertzberg and Alessandro Saffiotti

Contact: hertzberg@informatik.uni-osnabrueck.de

<http://aass.oru.se/Agora/ICRA07>

TA-10: Half-day Tutorial (morning)

Model-based exploitation of sensor networks

Eddie Grant, Frans Groen, Uwe Hanabeck, Thomas C. Henderson, and Art Sanderson

Contact: tch@cs.utah.edu

<http://www.cs.utah.edu/~tch/icra07-snets.html>

TP-11: Half-day Workshop (afternoon)

ICRA 2008 Robot Competition

William Smart and Paul Rybski

Contact: wds@cse.wustl.edu

<http://icra.wustl.edu>

Saturday, 14 April 2007

8:30-18:00

School of Engineering (Università di Roma "La Sapienza")

SF-1: Full-day Workshop

Biomimetic robotics

Cecilia Laschi and Barbara Mazzolai

Contact: c.laschi@arts.sssup.it

<http://www-arts.sssup.it/ICRA07WS/biomimetic-robotics/>

SF-2: Full-day Workshop

Network robot systems: ubiquitous, cooperative, interactive robots for human-robot symbiosis

Norihiro Hagita, Alberto Sanfeliu, Alessandro Saffiotti, and Hiroshi Ishiguro

Contact: hagita@atr.jp

http://www.irc.atr.jp/icra07_nrs_workshop/

SF-3: Full-day Tutorial

Nonlinear control of flexible joint robots

Alin Albu-Schaeffer, Christian Ott, and Alessandro De Luca

Contact: alin.albu-schaeffer@dlr.de

<http://www.robotic.dlr.de/icra07tutorial/>

SF-4: Full-day Workshop

Collective behaviors inspired by biological and biochemical systems

Savvas Loizou and Vijay Kumar

Contact: sloizou@seas.upenn.edu

<http://www.seas.upenn.edu/~sloizou/academics/ICRA07WS/index.htm>

SF-5: Full-day Workshop

Software development and integration in robotics: understanding robot software architectures

Davide Brugali, Issa Nesnas, Christian Schlegel, Alexander Braendle, and William Smart

Contact: brugali@unibg.it

<http://robotics.unibg.it/tcprog/sdir2007/>

SF-6: Full-day Workshop

Space robotics

Rick Wagner and Richard Volpe

Contact: Rick.Wagner@NGC.com, volpe@jpl.nasa.gov

<http://teamster.usc.edu/~fixture/Robotics/SpaceRoboticsTC/Workshop.html>

SF-7: Full-day Workshop

Planning, perception and navigation for intelligent vehicles

Urbano Nunes, Christian Laugier, and Alberto Broggi

Contact: urbano@isr.uc.pt

<http://www.isr.uc.pt/~urbano/WorkICRA07>

SF-8: Full-day Workshop

Robotic technologies for rehabilitation

Craig Carignan, Carlo Alberto Avizzano, Michelle Johnson, Eugenio Guglielmelli, and Takanori Shibata

Contact: carignan@isis.imac.georgetown.edu, mjohnso@mcw.edu

<http://caimr.georgetown.edu/CAIMR/Workshops/ICRA2007/index.html>

SF-9: Full-day Workshop

Roboethics

Gianmarco Veruggio, Ron Arkin, and Atsuo Takanishi

Contact: info@roboethics.org

<http://www.roboethics.org/icra07>

SA-10: Half-day Workshop (morning)

Robotic olfaction: towards real world applications

Amy Loutfi and Achim Lilienthal

Contact: amy.loutfi@tech.oru.se

<http://aass.oru.se/~ali/icra07ws>

SP-11: Half-day Workshop (afternoon)

Contact interface in robotic manipulation

Imin Kao, Paolo Tiezzi, and Gabriele Vassura

Contact: kao@mal.eng.sunysb.edu

<http://www.diem.ing.unibo.it/wsicra07/>