DR 7.4 – 3rd year
Summer Schools Organized in Year 3

Due date of deliverable: 30 April 2006
Actual submission date: 15 June 2006
Start date of the project: 1 May 2004  Duration: 48 months
Organisation name of lead contractor for this deliverable: ETHZ
Revision: Revised version, May 2007
Dissemination level: PU
During the third year, three summer schools and two winter schools were organized. In order to observe and continuously improve the quality of the EURON schools, we again asked each participant to fill in a questionnaire. The results of the questionnaire enable us to judge on the quality of the individual school and draw conclusions for future schools. This document lists the EURON schools 2006-07 and gives an overview on the evaluation results of the five schools supported by EURON in the reporting period 2006-07. The detailed reports of the EURON schools are available on request. Please also refer to the Webpages of the Schools.

**Summer Schools 2006:**

- **2nd Summer School on Perception and Sensor Fusion in Mobile Robotics**
  - September 11 - 16, 2006, Fermo, Italy
  - [http://psfmr.univpm.it/](http://psfmr.univpm.it/)
  - Primo Zingaretti zinga@diiga.univpm.it
  - 42 participants

- **3rd Summer School in Simultaneous Localisation and Mapping**
  - August 27-31 2006, University of Oxford, UK
  - [www.robots.ox.ac.uk/~SSS06](http://www.robots.ox.ac.uk/~SSS06)
  - Paul Newman pnewman@robots.ox.ac.uk
  - 56 participants

- **IURS-2006 (6th International UJI Robotics School) Humanoid Robots**
  - September, 18-22, 2006 Hotel Bonaire Benicàssim, Spain
  - [http://www.robot.uji.es/lab/plone/iurs06/](http://www.robot.uji.es/lab/plone/iurs06/)
  - Angel P. del Pobil pobil@icc.uji.es
  - 35 participants

**Winter Schools 2006-07:**

- **Rescue Robotics Camp 2006**
  - October 30 - November 3, 2006, Roma, Italy
  - [http://sied.dis.uniroma1.it/camp](http://sied.dis.uniroma1.it/camp)
  - Daniele Nardi Daniele.Calisi@dis.uniroma1.it
  - 34 participants

- "2nd International UMH Robotics Winter School Parallel robots: theory and applications - IURWS-2007"
  - March, 25 – 30, 2007, Flamingo Oasis Hotel, Benidorm, Spain
  - [http://www.isa.umh.es/vr2/euron07](http://www.isa.umh.es/vr2/euron07)
  - José Mª Sabater Navarro j.sabater@umh.es
  - 29 participants
## Participants by country and school

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>Total</th>
<th>Total %</th>
<th>SLAM</th>
<th>PSFMR</th>
<th>Humanoid Robotics</th>
<th>Parallel Robotics</th>
<th>Rescue Robotics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy</td>
<td>45</td>
<td>23.0%</td>
<td>9</td>
<td>13</td>
<td>5</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>Germany</td>
<td>23</td>
<td>11.7%</td>
<td>7</td>
<td>6</td>
<td>3</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>France</td>
<td>10</td>
<td>5.1%</td>
<td>4</td>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Spain</td>
<td>46</td>
<td>23.5%</td>
<td>6</td>
<td>2</td>
<td>21</td>
<td>16</td>
<td>1</td>
</tr>
<tr>
<td>Belgium</td>
<td>3</td>
<td>1.5%</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Sweden</td>
<td>5</td>
<td>2.6%</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>The Netherlands</td>
<td>2</td>
<td>1.0%</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Austria</td>
<td>3</td>
<td>1.5%</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Switzerland</td>
<td>6</td>
<td>3.1%</td>
<td>2</td>
<td>4</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Turkey</td>
<td>3</td>
<td>1.5%</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>UK</td>
<td>10</td>
<td>5.1%</td>
<td>8</td>
<td>1</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Denmark</td>
<td>1</td>
<td>0.5%</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Portugal</td>
<td>2</td>
<td>1.0%</td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Slovenia</td>
<td>2</td>
<td>1.0%</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Finland</td>
<td>4</td>
<td>2.0%</td>
<td>1</td>
<td>1</td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Poland</td>
<td>2</td>
<td>1.0%</td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Croatia</td>
<td>1</td>
<td>0.5%</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Lithuania</td>
<td>3</td>
<td>1.5%</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Canada</td>
<td>2</td>
<td>1.0%</td>
<td>1</td>
<td>1</td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Japan</td>
<td>6</td>
<td>3.1%</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>Korea</td>
<td>2</td>
<td>1.0%</td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>USA</td>
<td>9</td>
<td>4.6%</td>
<td>7</td>
<td>2</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Australia</td>
<td>5</td>
<td>2.6%</td>
<td>3</td>
<td>2</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Qatar</td>
<td>1</td>
<td>0.5%</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>196</td>
<td>100.0%</td>
<td>56</td>
<td>42</td>
<td>35</td>
<td>29</td>
<td>34</td>
</tr>
</tbody>
</table>

- Total Europe: 171
- Total Others: 25
EURON II Schools

Report EURON Summer Schools 2006-07

EURON 4.2007, R. Siegwart, ETH Zurich
Summer Schools 2006

- 2nd Summer School on Perception and Sensor Fusion in Mobile Robotics
  - September 11 - 16, 2006, Fermo, Italy
  - http://psfmr06.univpm.it/
  - Primo Zingaretti <zinga@diiga.univpm.it>
  - 42 participants

- 3rd Summer School in Simultaneous Localisation and Mapping
  - August 27-31 2006, University of Oxford, UK
  - www.robots.ox.ac.uk/~SSS06
  - Paul Newman <pnewman@robots.ox.ac.uk>
  - 56 participants

- IURS-2006 (6th International UJI Robotics School) Humanoid Robots
  - September, 18-22, 2006 Hotel Bonaire Benicàssim, Spain
  - http://www.robot.uji.es/lab/plone/iurs06/
  - Angel P. del Pobil pobil@icc.uji.es
  - 35 participants

Thank you to all proposers, sorry for those who did not make it

Selected out of 7 proposals
**Winter Schools 2006-07**

- **Rescue Robotics Camp 2006**
  - October 30 - November 3, 2006, Roma, Italy
  - [http://sied.dis.uniroma1.it/camp](http://sied.dis.uniroma1.it/camp)
  - Daniele Nardi <Daniele.Calisi@dis.uniroma1.it>
- **2nd International UMH Robotics Winter School**
  - Parallel robots: theory and applications - IURWS-2007
  - March, 25 - 30, 2007, Flamingo Oasis Hotel, Benidorm, Spain
  - [http://www.isa.umh.es/vr2/euron07](http://www.isa.umh.es/vr2/euron07)
  - José Mª Sabater Navarro <j.sabater@umh.es>

Selected out of 2 proposals

34 participants

29 participants

**Thank you to all proposers, sorry for those who did not make it**
EURON Schools 2006-07

Participants by Country (EU)

Total Europe: **171** (209 in 2006-07)
Total others: **25** (32 in 2005-06)
EURON Schools 2006-07
Participants by Country (NON-EU)

Total Europe: 171 (209 in 2006-07)
Total others: 25 (32 in 2005-06)
EURON Schools 2006-07

Major/Level of education of Participants

Major of Participants

- 2006-07
- 0% 5% 10% 15% 20% 25% 30% 35%
- Electrical engineering
- Mechanical engineering
- Computer science
- Others

Level of Education of Participants

- 2006-07
- 0% 10% 20% 30% 40% 50% 60%
- Master
- Doctoral Student (first half)
- Doctoral Student (second half)
- Postdoc

Major of Participants (%)

- 2005-06
- 0% 10% 20% 30% 40% 50% 60%
- Electrical engineering
- Mechanical engineering
- Computer science
- Others

Level of Education of Participants (%)

- 2005-06
- 0% 10% 20% 30% 40% 50% 60%
- Master
- Doctoral Student (first half)
- Doctoral Student (second half)
- Postdoc

© Roland Siegwart
EURON Schools 2006-07

Quality of Program, Lectures, Exercises and Rhythm,

2006-07

- Quality remains very good
- Exercises are getting better

EURON Schools 2005-06

Quality of the Technical Program

- Program in general
- Quality of lectures
- Quality of exercises
- Rhythms between lectures and exercises

Quality remains very good
Exercises are getting better
EURON Schools 2006-07

General Quality by School

- SLAM
- PSFMR
- Humanoid Robots
- Parallel Robots
- Rescue Robotics

Quality Scale:
- very good
- good
- acceptable
- bad
EURON Schools 2006-07

Quality of Side Elements

• We are doing a little worse

2006-07

2005-06
EURON Schools 2006-07

Costs

Acceptance of Costs

2006-07

Acceptance of Costs

2005-06

Registration Fee

Other costs

(accommodation, meals, ..)

Acceptance of Costs

good

somewhat high

much to high

Acceptance of Costs

good

somewhat high

much to high

Registration Fee

Other costs

(accommodation, meals, ..)