# Editorial Board

## Editor-in-Chief

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<tr>
<th>No.</th>
<th>Name</th>
<th>Address</th>
<th>Expertise and Interests</th>
<th>Review Category</th>
</tr>
</thead>
</table>
| 1.  | Professor Shuzhi Sam Ge | Social Robotics Laboratory Interactive Digital Media Institute The National University of Singapore Tel: +65 6516 6821 Fax: +65 6779 1103 E-mail: samge@nus.edu.sg http://robotics.nus.edu.sg/sge | - Social Robotics  
- Artificial Intelligence  
- Real-time Control  
- Intelligent Digital Media  
- Human Robot Interaction  
- Intelligent Control | 10.000 Types of Social Robotics  
30.000 Artificial Intelligence  
40.000 Human Robot Interaction  
20.060 Intelligent control |

## Co-Editor-in-Chief

| 2.  | Professor Oussama Khatib | Artificial Intelligence Laboratory Computer Science Department Gates Building 1A 353 Serra Mall Stanford University Stanford, CA 94305-9010 USA Tel: (650) 723-9753 Fax: (650) 725-1449 Email: khatib@robotics.stanford.edu http://robotics.stanford.edu/~ok/ | - Autonomous robots  
- Cooperative robots  
- Human-centered robotics  
- Haptic interaction  
- Dynamic simulation  
- Virtual environments  
- Augmented teleoperation  
- Human-friendly robot design | 20.0120 Virtual robots/agents  
20.030 Design methodologies  
20.0100 Haptics and Haptic Interfaces |
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<th>Expertise and Interests</th>
<th>Review Category</th>
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<tbody>
<tr>
<td>1.</td>
<td>Professor Ronald Arkin FIEEE, PhD</td>
<td>• Human-Robot Interaction&lt;br&gt;• Robot Ethics&lt;br&gt;• Autonomous Systems&lt;br&gt;• Military robotics&lt;br&gt;• Robot Architectures</td>
<td>40.000 Human Robot Interaction&lt;br&gt;50.070 Robot-ethics&lt;br&gt;20.050 Robotic architecture&lt;br&gt;20.080 Software design and development</td>
</tr>
<tr>
<td></td>
<td>College of Computing&lt;br&gt;Georgia Institute of Technology&lt;br&gt;Atlanta, Georgia 30332-0280&lt;br&gt;Phone: (404) 894-8209&lt;br&gt;Fax: (404) 894-0957&lt;br&gt;Email: <a href="mailto:ronald.arkin@cc.gatech.edu">ronald.arkin@cc.gatech.edu</a>&lt;br&gt;<a href="http://www.cc.gatech.edu/aimosaic/faculty/arkin">http://www.cc.gatech.edu/aimosaic/faculty/arkin</a></td>
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</tr>
<tr>
<td>2.</td>
<td>Professor Paolo Dario FIEEE, PhD</td>
<td>• Biorobotics&lt;br&gt;• Biomedical engineering&lt;br&gt;• Biomechatronics&lt;br&gt;• Microengineering</td>
<td>10.020: Bio-robotics and biomedical robotics&lt;br&gt;10.090: Medical robotics</td>
</tr>
<tr>
<td></td>
<td>Research Center in Microengineering,&lt;br&gt;Scuola Superiore Sant’Anna,&lt;br&gt;56025 Pontedera, Italy&lt;br&gt;Phone: (39) 050 883 420&lt;br&gt;Fax: (39) 050 883 497&lt;br&gt;Email: <a href="mailto:dario@arts.sssup.it">dario@arts.sssup.it</a>&lt;br&gt;Web: <a href="http://www-arts.sssup.it/tiki/tiki-index.php?page=Paolo+Dario">http://www-arts.sssup.it/tiki/tiki-index.php?page=Paolo+Dario</a></td>
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<td></td>
<td>Face robot</td>
<td>Human-robot interactive communication</td>
<td>Artificial emotion</td>
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<td>Face robot</td>
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<td>Face robot</td>
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<td>4.</td>
<td>Computer vision</td>
<td>Visual and multi-media technology</td>
<td>Social robotics</td>
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<tr>
<td></td>
<td>Computer vision</td>
<td>Visual and multi-media technology</td>
<td>Social robotics</td>
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**Professor Fumio Hara, FIEEE, PhD**
Tokyo University of Science
Zip code: 102-0073
1-14-6 Kudan-Kita, Chiyoda-ku, Tokyo, Japan
Tel: 03-3260-4271 ext. 1611
Fax: 03-3221-1284
Email: harajf@rs.kagu.tus.ac.jp

**Professor Takeo Kanade**
Elected National Academy of Engineering, FIEEE, FACM, FAAAI, PhD
The Robotics Institute, Carnegie Mellon University
Tel: (412) 268-3016
Fax: (412)-268-5570
Email: tk@cs.cmu.edu
http://www.ri.cmu.edu/people/kanade_takao.html

**Professor Jong-Hwan Kim, PhD**
Robot Intelligence Technology Laboratory, Dept of Electrical Engineering and Computer Science, Korea Advanced Institute of Science and Technology (KAIST)
Tel: +82-42-350-5448
E-mail: jhkim@ee.kaist.ac.kr
http://rit.kaist.ac.kr/
|   | Professor Kazuhiro Kosuge  
FIEEE, PhD | System Robotics Laboratory  
Department of Robotics  
Tohoku University  
Aoba 6-6-01, Aramaki, Sendai 980-8579, JAPAN  
Tel: +81-22-795-4035  
Email: kosuge@m.tohoku.ac.jp  
- Robot Coworkers  
- Universal Manipulation  
- Assistive Robotics  
| 10.010: Assistant robotics  
40.000: Human robot interaction  |
|   | Professor Tzyh Jong Tarn  
Electrical and Systems Engineering  
Department  
Washington University in St. Louis  
St. Louis, Missouri 63130, USA  
Center for Quantum Information Science and Technology  
Tsinghua University  
Beijing, 100084 People's Republic of China  
Tel: 1 (314) 935 5565  
86 (10) 62797485  
Fax: 1 (314) 935 7500  
Email: tarn@wustl.edu  
Web: http://wuauto.wustl.edu/tjtarn.shtm | - Quantum control  
- Robotics and automation  
- Nanotechnology  
- Mathematical systems theory  
<p>| 20.060: Intelligent control  |</p>
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<th>No.</th>
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<tr>
<td>8.</td>
<td>Robotics Institute</td>
<td>• Biomimetic robotics&lt;br&gt;• Medical and surgical robot&lt;br&gt;• Mechatronics&lt;br&gt;• Social robot</td>
<td>10.0130 Service robotics&lt;br&gt;10.020 Bio-robotics and biomedical robotics&lt;br&gt;20.000 Social robot design</td>
</tr>
<tr>
<td></td>
<td>Beihang University (BUAA), Beijing, China, 100191</td>
<td></td>
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<tr>
<td></td>
<td>Tel: (86) 10 82338805 Fax: (86) 10 82338805 Email: <a href="mailto:itm@buaa.edu.cn">itm@buaa.edu.cn</a> Web:</td>
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<td><a href="http://robot.buaa.edu.cn/personality/dep17-wangtianmiao.htm">http://robot.buaa.edu.cn/personality/dep17-wangtianmiao.htm</a></td>
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<td>9.</td>
<td>Advanced Robotics Lab</td>
<td>• Service robotics&lt;br&gt;• Space robotics&lt;br&gt;• Wearable interface&lt;br&gt;• Robot design</td>
<td>10.0130 Service robotics&lt;br&gt;10.0150 Wearable robotics&lt;br&gt;10.030 Entertainment robotics&lt;br&gt;10.040 Education robotics&lt;br&gt;20.000 Social robot design</td>
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<tr>
<td></td>
<td>Dept of Mechanical and Automation Engineering</td>
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<td>The Chinese University of Hong Kong Shatin, NT, Hong Kong</td>
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<td>Tel: (852) 26098484 Fax: (852) 26036002 Email: <a href="mailto:ysxu@acae.cuhk.edu.hk">ysxu@acae.cuhk.edu.hk</a></td>
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<td><a href="http://arl.acae.cuhk.edu.hk/">http://arl.acae.cuhk.edu.hk/</a></td>
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**ASSOCIATE EDITORS**

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Professor Tianmiao Wang, PhD

Professor Yangsheng Xu FIEEE, PhD
<table>
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<tr>
<th></th>
<th>Professor Arvin Agah, PhD</th>
<th>Department of Electrical Engineering and Computer Science The University of Kansas Lawrence KS 66045-7621 USA Phone: (785) 864-8821 Fax: (785) 864-3226 Email: <a href="mailto:agah@ku.edu">agah@ku.edu</a> <a href="http://people.ku.edu/~agah/">http://people.ku.edu/~agah/</a></th>
<th><strong>Autonomous Mobile</strong>  <strong>Robots</strong>  <strong>Biomedical Robotics</strong>  <strong>Distributed Robotics</strong></th>
<th>10.020 Bio-robotics and biomedical robotics 10.010 Assistant robotics 10.0110 Personal robots 10.0140 Ubiquitous robotics</th>
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</thead>
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<td>2.</td>
<td>Dr. Marcelo H. Ang Jr. PhD</td>
<td>Department of Mechanical Engineering National University of Singapore 9 Engineering Dr 1 Singapore 117576 Tel +65 6516-2555 Fax +65 6779-1459 E-mail: <a href="mailto:mpeangh@nus.edu.sg">mpeangh@nus.edu.sg</a> Web: <a href="http://guppy.mpe.nus.edu.sg/~mpeangh">http://guppy.mpe.nus.edu.sg/~mpeangh</a></td>
<td><strong>Robots in human environments</strong>  <strong>Mobile manipulation and compliant motion</strong>  <strong>Sensor and actuator networks</strong>  <strong>Autonomous robots</strong></td>
<td>40.000 Human Robot Interaction 60.010 Sensors 60.020 Actuators 10.0130 Service robotics 10.0140 Ubiquitous robotics</td>
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<td></td>
<td>Name</td>
<td>Affiliation &amp; Contact Details</td>
<td>Research Interests</td>
<td>Other Interests</td>
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</table>
| 5. | Professor Thomas Bräunl | The University of Western Australia Electrical and Computer Engineering, Stirling Hyw., Crawley WA6009 Australia. Phone: +61 8 6488 3897. Email: tb@ee.uwa.edu.au. Web: [http://robotics.ee.uwa.edu.au](http://robotics.ee.uwa.edu.au) [http://theREVproject.com](http://theREVproject.com) | • Intelligent mobile robots  
• Robot simulation system  
• Embedded robot vision systems  
• Automotive systems | 10.170: Other types of social robotics  
20.060: Intelligent control  
20.120: Virtual robots/agents  
30.080: Social intelligence  
30.090: General intelligence  
30.120: Adaptation and evolution of intelligence  
30.140: Learning and adaptive systems  
30.160: Hybrid intelligent systems |
| 6. | Dr. John John Cabibihan | Department of Mechanical and Industrial Engineering, Qatar University, P.O. Box 2713, Doha, Qatar. Email: john.cabibihan@qu.edu.qa. Web: [http://faculty.qu.edu.qa/john.cabibihan/](http://faculty.qu.edu.qa/john.cabibihan/) | • Social Robotics  
• Humanlike Synthetic Skins  
• Bio-inspired Tactile Sensing | 20.030: Design methodologies  
20.100: Haptics and haptic interfaces  
40.020: Human-robot and robot-robot interactions  
40.100: Prosthetics and haptics  
60.010: Sensors  
60.050: Interface |
| 7. | Professor Darwin G Caldwell | Italian Institute of Technology, Via Morego, 30 Genoa, 16163 Italy. Phone: +39 010 71781 407. Email: Darwin.Caldwell@iit.it. Web: [http://www.iit.it/en](http://www.iit.it/en) | • Haptics  
• Humanoids  
• Rehabilitation Robotics  
• Augmented teleoperation  
• Human-friendly robots | 10.080: Humanoid robotics  
20.100: Haptics and haptic interfaces  
40.100: Prosthetics and haptics  
40.120: Others |
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| 8.  | Professor Maria Chiara Carrozza, PhD | ARTS Lab Advanced robotics Technologies and Systems Laboratory, Scuola Superiore Sant'Anna Pisa | • neurobotics  
• artificial hands  
• design of robots  
• for personal assistance  
• interfaces for  
• human-robot interactions | 10.020  Bio-robotics and biomedical robotics  
10.010  Assistant robotics  
40.000  Human Robot Interaction  
20.010  Aesthetic design  
20.020  Artistic design  
40.0100  Prosthetics and haptics |
| 9.  | Professor Kerstin Dautenhahn, PhD | Adaptive Systems Research Group The University of Hertfordshire School of Computer Science United Kingdom | • Human-robot interaction  
• Social learning  
• Robot assisted therapy | 30.020  Machine learning  
30.040  Cognitive Sciences  
10.010  Assistant robotics  
40.000  Human Robot Interaction |
| 10. | Professor Vanessa Evers, PhD | Department of Electrical Engineering, Mathematics and Computer Science, (EEMCS). PO Box 217 NL-7500 AE Enschede the Netherlands | • Interaction with intelligent and autonomous systems  
• Human computer interaction | 40.000  Human Robot Interaction |
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<th>Research Areas</th>
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|11.| Professor Ong Sing Goh, PhD | Faculty of Information Technology and Communication Technical University of Malaysia Melaka (UTeM), Malaysia | • Intelligent agent  
• Software robot  
• Natural Language Understanding  
• Human-Machine Interaction | 20.0120 Virtual robots/agents  
20.0130 Virtual Reality and mixed reality  
40.000 Human Robot Interaction  
40.050 Natural language processing |
|   |                             |                                                                              |                                                                                  |                                                                               |
|12.| Dr. Jaap Ham PhD            | Department of Human-Technology Interaction IPO 1.36 P.O. Box 513 5600 MB Eindhoven The Netherlands | • Causal attribution  
• Communication, Language  
• Ethics and morality  
• Group processes  
• Judgment and decision making  
• Neuroscience, Psychophysiology | 50.020: Psychology  
40.000 Human Robot Interaction |
|   |                             |                                                                              |                                                                                  |                                                                               |
|13.| Dr. Guido Herrmann SenMIEEE, MIET Ph.D | Bristol Robotics Laboratory, Dynamics and Control Research Group Department of Mechanical Engineering University of Bristol, U.K. | • Humanoid robotics  
• Humanoid control  
• Non-linear control  
• Neural network adaptive control  
• Servo-control | 10.080 Humanoid Robots  
20.060 Intelligent control  
30.0140 Learning and adaptive systems |
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<th>No.</th>
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| 14  | Professor Qiang Huang | Department of Mechanical and Electronic Engineering, Beijing Institute of Technology Beijing, China Tel.: +86-010-68949988 Email: qhuang@bit.edu.cn Web: [http://grd.bit.edu.cn/index.asp?modelname=dsqk_nr&recno=89](http://grd.bit.edu.cn/index.asp?modelname=dsqk_nr&recno=89) | ● Humanoid biomimetic robots  
● Audiovisual human-computer interaction technology  
● Robot network communication and remote operation control | 10.000: Types of Social Robotics  
40.000: Human robot interaction |
| 15  | Professor Seul Jung   | Intelligent Systems and Emotional Engineering Laboratory Department of Mechatronics Engineering Chungnam National University Daejeon, Korea Tel: +82-42-821-6876 Fax: +82-42-823-4919 Email: jungs@cnu.ac.kr Web: [http://isee.cnu.ac.kr](http://isee.cnu.ac.kr) | ● Service Robots  
● Educational Robots  
● Intelligent Systems  
● Mechatronics Systems | 10.040: Education robotics  
10.130: Service robotics  
30.090: General intelligence |
| 16  | Dr Takayuki Kanda, PhD| ATR Intelligent Robotics & Communication Labs Kyoto, Japan Tel: +81 774 95 1424 Fax: +81 774 95 1408 Email: kanda@atr.jp [http://www.irc.atr.jp/~kanda/](http://www.irc.atr.jp/~kanda/) | ● Human-robot interaction  
● Interactive Robotics  
● Cooperative embodied communication  
● Field research | 40.000 Human Robot Interaction  
40.030 Human-robot communication |
|   | Dr. Kolja Kühnlenz, PhD | Dynamic Vision Research Laboratory, Inst. of Automatic Control Engineering, Technische Universität München, Tel: +49-89-289-28396, Fax: +49-89-289-28340, E-mail: koku@tum.de Web: [http://www.lsr.ei.tum.de/](http://www.lsr.ei.tum.de/) | • Computer Vision  
• Social Robotics  
• Emotions  
• Attention  
• Robots and Interfaces in Arts | 20: Social robot design  
40: Human robot interaction  
40.010: Emote and emotion  
50.050: Arts |
|---|---|---|---|
| 18. | Professor Dong-Soo Kwon, PhD | Human-Robot Interaction Research Center  
Dept. of Mechanical Engineering  
Korea Advanced Institute of Science and Technology (KAIST)  
Tel: +82-42-869-3042  
Email: kwonds@kaist.ac.kr  
[http://robot.kaist.ac.kr](http://robot.kaist.ac.kr)  
[http://hri.kaist.ac.kr](http://hri.kaist.ac.kr) | • Human-Robot Interaction  
• Medical Robotics  
• Haptics  
• Telerobotics | 40.000 Human Robot Interaction  
10.090 Medical robotics  
20.0100 Haptics and Haptic Interfaces  
60.080 Networks and communication |
| 19. | Dr. Pierre-Yves Oudeyer, PhD | Human Language Technology Institute for Infocomm Research 21 Heng Mui Keng Terrace Singapore 119613 Tel: +65 6874 6242 Fax: +65 6774 4998 E-mail: hli@i2r.a-star.edu.sg Web: http://www1.i2r.a-star.edu.sg/~hli | • Spoken Dialogue Technology  
• Natural Language Processing  
• Human Robot Interaction  
• Pattern Recognition  
• Multimodal Interface  
20.050 Natural language processing  
40.000 Human Robot Interaction  
30.0130 Pattern recognition  
40.050 Natural language processing  
40.020 Human-Robot and Robot-robot Interactions |
|---|---|---|---|
| 20. | Dr. Pierre-Yves Oudeyer, PhD | INRIA Bordeaux Sud-Ouest Bat. 29 351, cours de la liberation 33405 Talence Cedex France Tel: +33 1 5 24 57 40 30 Email: py@csl.sony.fr Web: [http://www.pyoudeyer.com/](http://www.pyoudeyer.com/) | • developmental robotics  
• artificial curiosity  
• language acquisition  
• intrinsic motivation  
• social learning  
• intuitive human-robot interaction  
• entertainment robotics  
20.030 Design methodologies  
30.060 Information acquisition and decision making  
20.040 Design philosophies  
20.050 Robotic architecture  
40.050 Natural language processing  
30.020 Machine learning  
30.040 Cognitive Sciences  
40.000 Human Robot Interaction  
40.050 Natural language processing |
| 21. | Dr. Hong Qiao, PhD | Institute of Automation Chinese Academy of Sciences Zhongguancunlu #95 Beijing Fax: 10-6254 5229 Email: hong.qiao@mail.ia.ac.cn [http://www.ia.ac.cn](http://www.ia.ac.cn) | • Robotics  
• Machine learning  
• Pattern recognition  
30.020 Machine learning  
30.0130 Pattern recognition  
10.000 Types of Social Robotics |
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<tr>
<th></th>
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<th>Institutions/Departments</th>
<th>Research Interests</th>
<th>Courses Offered</th>
</tr>
</thead>
</table>
| 22. | Professor Nicholas Roy, PhD | Computer Science and Artificial Intelligence Laboratory, MIT   | - Machine learning  
- Partially Observable Markov Decision Processes  
- Multi-agent Robotics  
- Motion Planning  
- Dialogue management  | 30.020 Machine learning  
40.090 Interaction and collaboration  
40.020 Human-Robot and Robot-robot Interactions  
40.030 Human-robot communication  
30.060 Information acquisition and decision making |
| 23. | Professor Brian Scassellati, PhD | Department of Computer Science, Yale University | - humanoid robots  
- active vision systems  
- visual-motor coordination  
- developmental models  
- social learning  
- cognitive science  | 10.080 Humanoid Robots  
30.040 Cognitive Sciences  
30.0170 Computer vision  
30.020 Machine learning  
30.0110 Expectation and intention understanding  
30.0120 Adaptation and evolution of intelligence |
| 24. | Professor Kerstin Severinson-Eklundh, Ph.D | Human Computer Interaction Group, KTH – Royal Institute of Technology, Stockholm, Sweden | - Human-robot interaction  
- User-centered design of service robots  
- Computer-mediated communication and cooperative work  | 10.0130 Service robotics  
40.000 Human-robot interaction  
40.040 Human-robot cooperation  
40.070 Human factors and ergonomics  
50.010 Social studies  
50.0100 Cross-disciplinary studies  
60.050 Interface |
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<th>Affiliation</th>
<th>Research Interests</th>
<th>Note</th>
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</table>
| 25. | Professor Reid Simmons, PhD | Robotics Institute School of Computer Science Carnegie Mellon University | - Intelligent Robotic Architectures
- Stereo perception navigation planning
- Multi-Robot Mapping and coordination
- Social Robotics | 10,000 Types of Social Robotics
40.090 Interaction and collaboration
30.000 Artificial Intelligence
20.030 Design methodologies
20.040 Design philosophies |
| 26. | Professor Matthias Scheutz PhD, PhD | Human-Robot Interaction Laboratory Cognitive Science and School of Informatics Indiana University Bloomington | - Artificial life
- Artificial intelligence
- Cognitive science
- Philosophy
- Robotics | 10.0160 Games and virtual robotics/agents
20.0130 Virtual Reality and mixed reality
20.030 Design methodologies
20.040 Design philosophies
30.040 Cognitive Sciences |
| 27. | Professor Miguel A Salichs, PhD | Robotics Lab University Carlos III of Madrid | - Intelligent autonomous robots
- Human-robot interaction
- Social robotics | 10,000 Types of Social Robotics
40.000 Human Robot Interaction
30.000 Artificial Intelligence |
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<th>No.</th>
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<th>Affiliation</th>
<th>Research Areas</th>
<th>Keywords</th>
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</table>
| 28. | Professor Jianbo Su, PhD | Department of Automation, Shanghai Jiao Tong University | • Sensor-based robotics  
• Networked robots  
• Humanoid robots | 10.080 Humanoid Robots  
60.080 Networks and communication  
60.010 Sensors  
60.030 Sensor fusion |
| 29. | Associate Professor Adriana Tapus, PhD | Ecole Nationale Superieure de Techniques Avancees (ENSTA-ParisTech) Cognitive Robotics Lab | Human-Robot Interaction  
Assistive Robotics  
Aocial Learning  
Long-term Learning and Adaptation | 10.010: Assistant robotics  
40: Human robot interaction  
40.030: Human-robot communication |
| 30. | Professor Kevin Kok Wai Wong, PhD | School of Information Technology, Murdoch University | • Computational Intelligence  
• Interactive Entertainment | 10.030: Entertainment robotics  
10.040: Education robotics  
10.160: Games and virtual robotics/agents  
20.060: Intelligent control  
30.020: Machine learning  
30.030: Computational intelligence  
30.160: Hybrid intelligent systems |
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<th>No.</th>
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<th>Research Interests</th>
<th>Keywords</th>
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</table>
| 31. | Professor Mary-Anne Williams | Human-Robot Collaboration Studio University of Technology, Sydney NSW 2007, Australia  
Tel: +61 2 9514 2663  
Fax: +61 2 9514 2868  
Email: Mary-Anne.Williams@uts.edu.au  
Web: http://innovation.it.uts.edu.au/Mary-Anne | - Human-Robot Collaboration  
- Cognitive Architectures and Design  
- Bioinspired Robotics  
- Robots and the Law  
- Robot Perception and Actuation Experience  
- Self-Awareness, Attention, Anticipation  
- Robot Life Long Learning  
- Robot Autonomy | 10.020: Bio-robotics and biomedical robotics  
30.040: Cognitive sciences  
40.040: Human-robot cooperation  
50.010: Social studies  
50.070: Robot-ethics |
| 32. | Professor Caihua Xiong, PhD | Institute of Rehabilitation and Medical Robotics  
School of Mechanical Science and Engineering  
Huazhong University of Science and Technology  
Wuhan, Hubei 430074, China  
Email: chxiong@mail.hust.edu.cn | - Rehabilitation robotics  
- Biorobotics  
- Motion planning  
- Robot design | 10.020: Bio-robotics and biomedical robotics  
10.120: Rehabilitation and therapeutic robotics  
20.050: Robotic architecture  
20.080: Software design and development |
<table>
<thead>
<tr>
<th>No.</th>
<th>Professor Name</th>
<th>Affiliation</th>
<th>Address</th>
<th>Email</th>
<th>Website</th>
<th>Research Interests</th>
<th>Related Studies</th>
<th>Technical Modules</th>
</tr>
</thead>
</table>
| 33. | Cecilia Laschi | Scuola Superiore Sant’Anna, The BioRobotics Institute | viale Rinaldo Piaggio 34, 56025 Pontedera (Pisa) | cecilia.laschi@sssup.it | http://www.bioroboticsinstitute.it/, http://sssa.bioroboticsinstitute.it/user/57 | - Soft Robotics  
- Biomimetic and Bioinspired Robotics  
- Humanoid Robotics  
- Edutainment Robotics | (10): Types of Social Robotics  
(20): Social robot design  
(30): Artificial intelligence  
(40): Human robot interaction  
(50): Related studies of social robotics  
(60): Related technical modules | |
| 34. | Martin Smith | Affiliation: Middlesex University London | School of Science and Technology | M.C.Smith@mdx.ac.uk | www.mdx.ac.uk | - Sensors  
- Actuators  
- Educational robots  
- Entertainment robots | (10): Types of Social Robotics  
(50): Related studies of social robotics  
(60): Related technical modules | |
| 35. | Monica Nicolescu | Affiliation: University of Nevada, Reno | 1664 N. Virginia St., MS 171, Reno, NV 89557 | monica@cse.unr.edu | http://www.cse.unr.edu/~monica/ | - Human Robot Interaction  
- Social Robotics  
- Robot Learning  
- Artificial Intelligence | (10): Types of Social Robotics  
(20): Social robot design  
(30): Artificial intelligence  
(40): Human robot interaction  
(50): Related studies of social robotics  
(60): Related technical modules | |
<table>
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<tr>
<th>No.</th>
<th>Name</th>
<th>Affiliation</th>
<th>Research Interests</th>
<th>Courses</th>
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<tr>
<td>No.</td>
<td>Name</td>
<td>Affiliation</td>
<td>Research Interests</td>
<td>Interest Codes</td>
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</tbody>
</table>
| 38. | Professor Ryad Chellali | Affiliation: Istituto Italiano di Tecnologia | - Human Robots Interactions (perception, cognition)  
- Human Behavior Analysis  
- SR Applications in Healthcare (rehabilitation, diagnosis and monitoring)  
- Engineering robots in SR (control, perception) | 10.130: Service robotics)  
20.030: Design methodologies)  
30.030: Computational intelligence) |
| 39. | Dr. Agnieszka Wykowska | Affiliation: General and Experimental Psychology, Ludwig-Maximilians-Universität Munich, Germany | - Social robotics  
- Human-robot interaction  
- Cognitive and social neuroscience  
- Fundamental mechanisms underlying human social cognition  
- Metrics of human-robot interaction | 30.040: Cognitive sciences  
30.080: Social intelligence  
30.110: Expectation and intention understanding  
40.030: Human-robot communication  
40.040: Human-robot cooperation  
40.110: Metrics of human-robot interaction  
50.020: Psychology  
50.030: Neural Sciences |
| 40. | Professor Aude Billard | Affiliation: EPFL | - Machine Learning  
- Human-Robot Interaction  
- Programming by Demonstration  
- Learning from Demonstration | 10.030 Entertainment robotics  
30.020 Machine learning  
30.140 Learning and adaptive systems |
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<tbody>
<tr>
<td>42.</td>
<td>Professor Wang Yaonan</td>
<td>Address: College of Electrical and Information Engineering, Hunan University, China Email: <a href="mailto:yaonan@hnu.cn">yaonan@hnu.cn</a> Website: <a href="http://www.hnu.edu.cn/html/jiaoyujiaoxue/shiziduiwu/boshishengdaoshi/2010-08-10/957.html">http://www.hnu.edu.cn/html/jiaoyujiaoxue/shiziduiwu/boshishengdaoshi/2010-08-10/957.html</a></td>
<td>- Electrical Engineering - Control Science and Engineering - Intelligent Robotics</td>
</tr>
</tbody>
</table>
| **Professor Luisa Damiano** | **Address**: Piazzale S. Agostino, 2, Room 10, 24129 Bergamo, Italy  
**Email**: luisa.damiano@gmail.com; luisa.damiano@unibg.it  
**Website**: http://unibg.academia.edu/LuisaDamiano | **Philosophy of Science**  
(Epistemology of the Sciences of the Artificial; Epistemology of the Cognitive Sciences)  
**Epistemology of Complex Systems**  
**Social Robotics**  
**Human Robot Interaction**  
**Artificial Empathy**  
**Cognitive Robotics**  
**Synthetic Biology**  
| **Professor Fuchun Sun** | **Address**: Room 511, FIT Building, Tsinghua University, Beijing 100084, P.R.China  
**Email**: fcsun@tsinghua.edu.cn  
**Website**: http://www.cs.tsinghua.edu.cn/publish/cs/4616/2013/20130424102559852515182/20130424102559852515182_.html | **Robot fine operation and teleoperation**  
**Cross modal fusion for robot action**  
**Brain inspired robot control**  
**Mobile robot navigation and control** | **10. Social Robotics (Philosophical aspects)**  
**40. Human-Robot Interaction Philosophical aspects)**  
**30.040 Cognitive Sciences**  
**30.080 Social Intelligence**  
**30.150 Affective sciences**  
**30.170 Embodiment**  
**10.100: Neuro-robotics**  
**30.030: Computational intelligence**  
**30.040: Cognitive sciences** |
Dr. Amit Kumar Pandey

Address: SoftBank Robotics Europe (formerly Aldebaran Robotics)
43, rue du Colonel Pierre Avia, 75015 Paris, France
Email: akpandey@aldebaran-robotics.com
Website: http://www.amitkpandey.com

- Socially Intelligent Robots
- Human Robot Interaction
- Social Robot Learning
- Socially-Aware Navigation and Manipulation
- AI and Cognition
- Social and Ethical Issues of Robotics
- Societal Applications of Social Robots

- (10): Types of Social Robotics
  .010: Assistant robotics
  .030: Entertainment robotics
  .040: Education robotics
  .050: Evolutionary robotics
  .060: Healthcare robotics
  .070: Home robotics
  .080: Humanoid robotics
  .110: Personal robots
  .120: Rehabilitation and therapeutic robotics
  .130: Service robotics
  .140: Ubiquitous robotics

- (20): Social robot design
  .010: Aesthetic design
  .020: Artistic design
  .030: Design methodologies
  .040: Design philosophies
  .050: Robotic architecture
  .060: Intelligent control

- (30): Artificial intelligence
  .020: Machine learning
  .030: Computational intelligence
  .040: Cognitive sciences
  .060: Information acquisition and decision making
  .070: Knowledge representation and manipulation
  .080: Social intelligence
  .090: General intelligence
  .100: Context awareness
  .110: Expectation and intention understanding
  .120: Adaptation and evolution of intelligence
<p>| 46 | Address: University of Tennessee, Knoxville 1512 Middle Dr., Knoxville, TN, 37996 Email: <a href="mailto:he@utk.edu">he@utk.edu</a> | 10.010: Assistant robotics 30.020: Machine learning 30.050: Deduction, reasoning and problem solving 30.130: Pattern recognition 60.010: Sensors | 1.40: Learning and adaptive systems 1.60: Hybrid intelligent systems ● (40): Human robot interaction 0.20: Human-robot and robot-robot interactions 0.30: Human-robot communication 0.40: Human-robot cooperation 0.70: Human factors and ergonomics 0.80: Interactive robotics arts 0.90: Interactions and collaboration 1.10: Metrics of human-robot interaction ● (50): Related studies of social robotics 0.10: Social studies 0.20: Psychology 0.30: Neural Sciences 0.40: Physiology 0.50: Arts 0.60: Bio-sciences 0.70: Robot-ethics 0.80: Artificial life 0.90: Cross disciplinary studies 1.00: Others ● (60): Related technical modules 0.10: Sensors |</p>
<table>
<thead>
<tr>
<th>Dr. Emilia Ivanova Barakova</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: Faculty of Industrial Design Eindhoven University of Technology Laplace 32 5612 AZ Eindhoven Email: <a href="mailto:e.i.barakova@tue.nl">e.i.barakova@tue.nl</a> Website: <a href="http://www.idemployee.id.tu.e.nl/e.i.barakova/">http://www.idemployee.id.tu.e.nl/e.i.barakova/</a></td>
</tr>
</tbody>
</table>
| ● Robots for socially isolated individuals (persons with ASD, elderly with dementia)  
● Emotions in robots  
● End-user programming environments for robotics  
● Embodied models of social behavior |
| (10): Types of Social Robotics  
(20): Social robot design  
(30): Artificial intelligence  
(40): Human robot interaction |

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