

The ShangAI Lectures 2010

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announcements

Discussion Session 5 on Thursday
The fifth and last Discussion Session will take place this Thursday on playground (not on w/2) -- it will be even more experimental than usual, as we are planning to show some videos within the virtual world. No password is needed for playground -- everyone is welcome to participate! Please send your inputs to discussion@shanghailectures.org by Wednesday.

Discussion Session 4 on Thursday
The fourth Discussion Session will take place this Thursday on w/2 as usual. Everyone is welcome to participate! Please send your inputs to discussion@shanghailectures.org by Wednesday.

Part II of exercise 5 online
The second part of exercise 5 is now available (registration required). We apologize for the delay. Deadline extension: 25 November.

List of teams and students
A PDF of the teams and students is available on the Exercises page now.

Issues with UNIworld
Please read this important information regarding the exercises and UNIworld in general.

links

- Overview (Chinese) of original project
- Technical Setup
- Video Gallery
- Artificial Intelligence Lab
- Project Report 2009
- Giving presentations in UNIworld

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Lectures 2010

The ShangAI Lectures 2010 consist of seven classroom meetings via videoconference and five experimental "Discussion Sessions" that take place entirely in UNIworld. In other words, there is no videoconference on 14 October, 28 October, 11 November, 25 November, and 9 December.

After every videoconference lecture, please send your questions or suggestions for discussion to discussion@shanghailectures.org -- Rolf Pfeifer will then select some of these topics and talk about them in UNIworld (the server URL will be announced to the students shortly before the Discussion Session starts).

All lectures and UNIworld discussion sessions take place on Thursdays, 09:00--11:00 CET (see here for an overview of dates and time zones).

Date	Title	Comments
2010-09-30	Lecture 1: Welcome, site presentations, overview.	Short presentation from every site send questions and comments to us -> discuss next week
2010-10-07	Lecture 2: Intelligence: AI and its Landscape.	in UNIworld
2010-10-14	Discussion session 1 Lecture 3: Prerequisites for a Theory of Intelligence.	send questions and comments to us -> discuss next week
2010-10-21	Guest lecture by Patrick van der Smagt: "Biomimetic Robots"	in UNIworld
2010-10-28	Discussion session 2 Lecture 4: Intelligence: Properties, Principles and Development.	send questions and comments to us -> discuss next week
2010-11-11	Discussion session 3 Guest lecture by Fabio Bonsignorio: "Informational Metrics of Intelligence in Controlled Physical Systems"	in UNIworld
2010-11-18	Lecture 5: Evolution: Cognition from Scratch. Short presentation by Fabio Bonsignorio on the Brooks-Kirsh debate Short presentation by Beijing on the Lakoff-Núñez Hypothesis	send questions and comments to us -> discuss next week
2010-11-25	Guest lecture by Simon Grand: "Intelligent Companies" Guest lecture by Verena Hafner: "Interactive Robotics" Discussion session 4	in UNIworld
2010-12-02	Guest lecture by Claude Siegenthaler: "In Search of Embodied Intelligence in Markets" Lecture 6: Collective and Modular Robotics. Guest lecture by Serge Kernbach: "Collective and Modular Robotics: Fundamentals and Frontiers"	send questions and comments to us -> discuss next week
2010-12-09	Guest lecture by Shuhei Miyashita: "Tribolon: Scalable Self-Assembling Robots" Discussion session 5 Lecture 7: Intelligence in Ubiquitous Systems and Interfacing Technology.	in UNIworld
2010-12-16	Guest lecture by Tamim Asfour: "Robots think with their hands" Guest lecture by Nikolaos Mavridis: "The symbol grounding problem and Robots" Guest lecture by Rafael Núñez Guest lecture by Louis-Philippe Demers Guest lecture by Weidong Chen: "Modeling and Control of Mobile Robot Networks"	3 hours



search

videoconference partners 2010

- Chiba University
- HfM Lab Australia
- Humboldt-Universität zu Berlin
- King Abdulaziz City for Science and Technology
- United Arab Emirates University
- Northwestern Polytechnical University
- Osaka University
- Peking University
- Shanghai Jiao Tong University
- University of St. Gallen
- Technische Universität München
- Université des Sciences et de la Technologie Houari Boumediène
- University of Salford
- University of Tasmania
- University of Zurich
- Karlsruhe Institute of Technology
- University Carlos III de Madrid
- Russian State University for the Humanities

other partner sites 2010

- Dalle Molle Institute for Artificial Intelligence IDSIA
- Empa - Center for Synergetic Structures
- EU Cogit
- Ferris State University
- Georgia Institute of Technology/Emory University
- Göthe-Universität, Frankfurt am Main
- Indiana University, Bloomington
- Interdisciplinary Center Herzliya
- Konkuk University
- Libera Università di Lingue e Comunicazione
- Saint Paul College
- Tallinn University of Technology
- Università de Sao Paolo
- University at Buffalo
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