
人工智能
The ShanghAI Lectures
上海授课

WELCOME

The ShanghAI Lectures
An experiment in global teaching

Today from the
Universidad Carlos III of Madrid
Spain

17 October 2013

欢迎您参与

“来自上海的人工智能系列讲座”

Today's program (CEST)

08:30 sites begin connecting (chat, screensharing, videoconference)

09:15 all sites are ready

09:30 START – Fabio : Welcome, content overview, goals

09:40 Nathan: Project overview, history

09:45 Rolf: Recorded Welcome video message

Today's program (CEST)

09:50 Sites present themselves

10:30 Coffee Break

10:40 Lecture 1: Intelligence – Things can be seen differently

11:25 Wrap up and Good Bye

11:30 END

Goals

- **Education and knowledge for anyone on the planet**
- **Latest technology for knowledge transfer and community building**
- **Spreading idea of “embodied intelligence” —> new way of thinking**
- **Research platform: studying —>intercultural collaboration**
- **Strengthening ties between universities**

Expected results

- interactions with important universities from around the world
- new collaborations, community building
- global exchange with renowned researchers from different backgrounds in the field of intelligence research
- new view of intelligence, ourselves, world

Natural and artificial intelligence

- suited for wide interdisciplinary audience
- no specific prior training required
- novel ideas
- broad interest in public at large

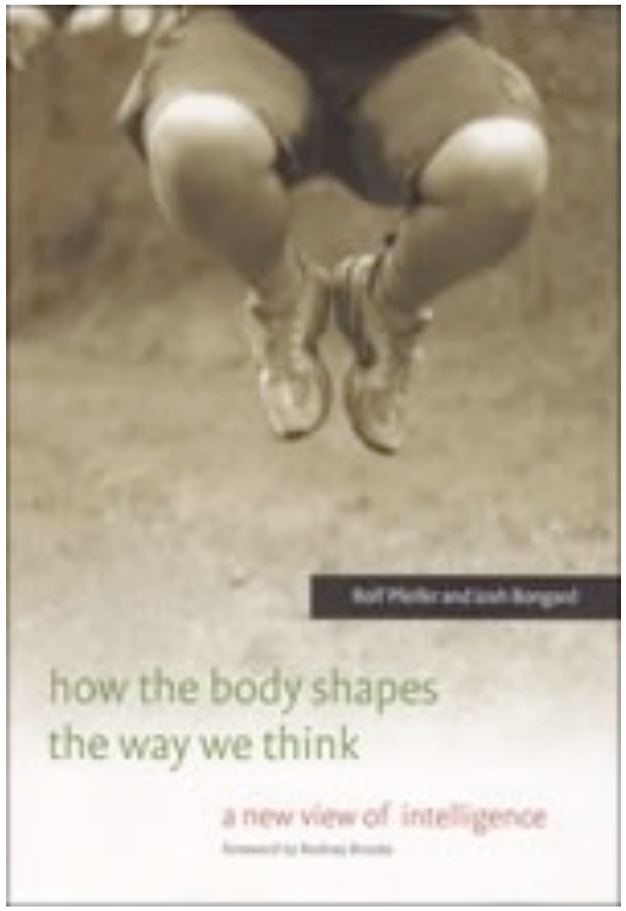
Table of contents

- Intelligence – things can be seen differently
- Embodied intelligence
- Cognition and Embodiment
- Evolution – cognition from scratch
- Soft Robotics
- Bio-inspired robotics and technology
- Ontogenetic development: from locomotion to cognition
- Towards a theory of intelligence
- How the body shapes the way we think – summary, conclusions, outlook
- Special session on Community outreach and industry on Dec. 5th

Book for class

Rolf Pfeifer and Josh Bongard

How the body shapes the way we think — a new view of intelligence



MIT Press, 2007

(also available in Arabic, Chinese, French and Japanese, so far :-))

Illustrations by Shun Iwasawa

University of Zurich[UZH]

robotics Swiss National Centre of Competence in Research

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Typical format of lectures (it will adapt!)

- 09.30 Lecture on embodied intelligence (Fabio, Rolf, others)
- Student presentation: one of the sites
- 10.25 Break
- 10.30 Guest speaker 1
- 11.00 Guest speaker 2
- 11.30 End of lectures

Welcome

to the “ShanghAI Lectures”

17 October 2013

Thank you!

- participating sites
- students
- technicians (Univ. Carlos III of Madrid, MELS, University of Zurich; SWITCH; Shanghai Jiatong University, SSSA, Humboldt University Berlin, University of Plymouth, University of Salford)
- guest speakers
- sponsors
- Nathan, Martin, Silvia and Avinash
- many others

Welcome

to the “ShanghAI Lectures”

—> Introduction by Nathan Labhart, UZH

17 October 2013

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The ShanghAI Lectures 上海人工智能授课

Introduction to the ShanghAI Lectures

Nathan Labhart

researcher at Artificial Intelligence Laboratory

organizer and “brain” of lecture series

expert on distant teaching and presence technologies

End of welcome session

Thank you for your attention!

stay tuned for lecture 1

“Intelligence — it can be seen differently”