

Monday, August 1, 2016

09:00-17:00

Registration Center

- * Registration of Participants
- * Distribution of Conference Materials

Monday, August 1, 2016

10:00 - 11:30

The Aula

Opening Plenary Session: Keynote Addresses

Chairs: Prof. William Graham, IIAS and University of Toronto, Canada
Prof. Greg Andonian, IIAS and Carleton University, Ottawa, Canada

Welcoming Address

by Prof. George E. Lasker, Conference Chairman,
Founder and President of the International Institute for Advanced Studies, Canada (IIAS)

Welcoming Address

by Mr. Werner Hirth, the First Right Honorable Mayor of Baden-Baden, Germany

Reverse-Engineering the Brain: The Parts are as Complex as the Whole

by Prof. Jens Pohl, Cal Poly State University, Vice President, Engineering & Technology,
Tapestry Solutions (a Boeing Company), San Luis Obispo, CA, USA

Artificial Intelligence and Social Transformation

by Prof. John Warwick Montgomery, Professor Emeritus of Law and Humanities
University of Bedfordshire, UK

Worldviews and the Quest for Ontology

by Prof. Karel Boullart, IIAS and University of Gent, Belgium

Discussion Forum I: Artificial Intelligence, Superintelligence and Beyond

(11:30-12:30)

Moderator: Prof. George E. Lasker, IIAS, Canada
Invited Panelists: Prof. Jens Pohl, Cal Poly, USA
Prof. John Montgomery Warwick, Bedfordshire University, UK
Prof. Joël Colloc, Université du Havre, France
With audience participation

This Forum will discuss topics and issues dealing with the feasibility and potential implications of Computer based Artificial Super-Intelligence (ASI). Issues to be addressed include development, implementation and application of machine intelligence and super-intelligent systems that emulate, simulate, replicate and exceed the capabilities of human intelligence. The Forum will explore the scientific advances in Cerebromimetic and Anthropomimetic Engineering of advanced intelligent and superintelligent (i.e. self-adaptive, creative, self-programmable, self-learning, self-directed) autonomous robots and devices, and will discuss their impact on humans and on society. Discussions are expected to consider the human brain and the human mind in the widest possible sense, extending beyond the human neuroanatomical brain to non-neural brain such as the cellular brain, the bionomic brain, and other kinds of 'brains' that have been postulated by scientists in recent years. Discussions may also address phenomena of subconscious information processing, telepathy, extrasensory perception, and similar occurrences as they relate to human intelligence and superintelligence.

LUNCH BREAK 12:30 - 14:00