



UFMG

Seminar Series

Intelligence and Artificial Intelligence

SCHEDULE



UFMG Seminar Series

Intelligence and Artificial Intelligence

Leading experts in Artificial Intelligence and Cognitive Sciences will provide an updated and comprehensive panel on the state-of-the-art questions on the area. Two Nobel Prize laureates and top researchers in neurosciences, computer science, economy, linguistics, philosophy, arts, physics and others will participate from November 8th to 11th at the UFMG Seminar Series: Intelligence and Artificial Intelligence.

The event is organized by the Institutes for Advanced Studies of Paris and of the Federal University of Minas Gerais, sponsored by the international network University based Institutes of Advanced Studies (UBIAS) and recognized as an event of the United Nations year for Basic Sciences and Sustainable Development. The program includes debates that will address the connection between the most recent studies in neurosciences on cognitive processes and artificial intelligence, the effects of artificial intelligence on human societies, and the ethical implications of the use of artificial intelligence in the most diverse areas, such as health, economy, work, among other fields of knowledge.

**The event is open to the general public, either online or presential.
People from all areas and training levels can participate.**

Registrations open **WITH DISCOUNT** until **August 31, 2022**

Register at:

www.ufmg.br/ieat/iai/subscribe

NOVEMBER 8 (Tuesday)

MORNING

Opening ceremony

9:00 am to 10:00 am

(Authorities)

Artistic presentations

10:20 am to 10:40 am

Lecture:

Relationship between complex systems science and artificial intelligence

10:40 am to 11:40 am



Melanie Mitchell-Davis

Professor at the Santa Fe Institute. Her current research focuses on conceptual abstraction, analogy-making, and visual recognition in artificial intelligence systems.

AFTERNOON

AI National Research Centers in Brazil

2:40 pm to 4:30 pm

Intercontinental Academia 4: building a network on Intelligence and artificial intelligence

4:50 pm to 6:00 pm

(ICA4 Fellows' presentation)

NOVEMBER 9 (Wednesday)

MORNING

Foundations and ethical aspects of artificial intelligence and cognitive sciences

9:00 am to 12:00 pm



Robert Aumann

2005 Nobel Memorial Prize in Economic Sciences and professor at the Center for the Study of Rationality in the Hebrew University of Jerusalem



Jack Copeland

Distinguished Professor of Philosophy at the University of Canterbury in New Zealand and Director of the Turing Archive for the History of Computing



Oron Shagrir

Philosopher and Schulman Chair of Philosophy and Cognitive Science at the Hebrew University of Jerusalem

AFTERNOON

Neurosciences and artificial intelligence approaches to Cognition

2:30 pm to 5:30 pm



Márcio Flávio Dutra Moraes

Professor at the Federal University of Minas Gerais, Leader of the Neurosciences Research Group (NNC) and Director of the Center for Technology and Research in Magneto Resonance (CTPMAG)



Itzhak Fried

Professor In Residence and Director of the Epilepsy Surgery Program at the Department of Surgery at University of California (UCLA)



Jay McClelland

Co-directs the Center for Mind, Brain, Computation, and Technology and Lucie Stern Professor of Psychology at Stanford University

NOVEMBER 10 (Thursday)

MORNING

Intelligent robotic systems and society

9:00 am to 12:00 pm



Toshio Fukuda

Professor at the Beijing Institute for Technology, Emeritus professor at Nagoya University, and President of the Institute of Electrical and Electronics Engineers, 2020



Zaven Paré

New media artist an expert in robotics, collaborator of the Graduate Program in Arts, Culture and Languages at Universidade Federal de Juiz de Fora (IAD/UFJF)



Lucia Santaella

Professor in the Postgraduate Program in Communication and Semiotics, Director of Center for Research in Digital Media and Coordinator of the Center for Peircean Studies, at PUC-SP

AFTERNOON

Interdisciplinary explorations of artificial intelligence

2:30 pm to 5:30 pm



**Virgilio Augusto
Fernandes Almeida**

Professor Emeritus of Computer Science at the Federal University of Minas Gerais, member at the Berkman Klein Center for Internet and Society at Harvard University



Shimon Ullman

Computer scientist, Professor of Computer Science at The Weizmann Institute of Science in Rehovot (Israel) and Director of the Weizmann AI center



Robert Zatorre

Cognitive neuroscientist, Professor at McGill University and co-founder of the international laboratory for Brain, Music, and Sound research (BRAMS)

NOVEMBER 11 (Friday)

MORNING

New social and economic perspectives arising from artificial intelligence

9:00 am to 12:00 pm



Raouf Boucekkine

Professor of economics at the Université d'AixMarseille, Associate Dean for Research at Rennes School of Business, former director of ImÉRA and senior member of the University Institute of France.



Marco Aurelio Romano-Silva

Professor of Psychiatry and head of the Dept. of Mental Health and Coordinator of the Center of Technology in Molecular Medicine at Faculty of Medicine at UFMG



Xiao-Jing Wang

Computational neuroscientist and Distinguished Global Professor of Neural Science at New York University

AFTERNOON

Future scenarios for economy, job and inequality under the impact of artificial intelligence

2:30 pm to 5:30 pm



Saadi Lahlou

Professor in Social Psychology in the Department of Psychological and Behavioural Science at the London School of Economics and Director of Paris IAS



Martin Rees

Astrophysicist and Cosmologist and co-founder of the Centre for the Study of Existential Risk (CSER) at the University of Cambridge



Ada Yonath

Professor of Structural Biology at Weizmann Institute and the laureate of 2009 Nobel Prize in Chemistry



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Hybrid event. Onsite activities will take place at Center of Didactic Activities 1 auditorium, at Federal University of Minas Gerais Pampulha campus, in Belo Horizonte city.

For further information, please access:

www.ufmg.br/ieat/iai



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