UFMG Seminar Series

Intelligence and Artificial Intelligence

SCHEDULE

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Intelligence and Artificial Intelligence

The Institute for Advanced Transdisciplinary Studies of the Federal University of Minas Gerais (UFMG) will hold, between the 8th and 11th of November, the UFMG Seminar Series on Intelligence and Artificial Intelligence.

The event aims to debate the main implications of the advancement of artificial intelligence for the future of humanity, with the participation of renowned national and international academics in seminars and round tables.

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 society, and the ethical implications of the use of artificial intelligence in the most diverse areas, such as health, economy, work, among other fields.

ONLY FOR SUBSCRIBERS:

ONSITE ACTIVITIES: will take place at Center of Didactic Activities 1 auditorium, at Federal University of Minas Gerais, Pampulha campus, in Belo Horizonte city.

ONLINE PARTICIPATION: he event will be available on live broadcasting in the **Softaliza Plataform** (login/password will be sent by email up to 1 day before the event.)

All seminars and round tables will be majority in English with simultaneous translation to Portuguese.

For further information: **https://www.ufmg.br/ieat/iai/**

Opening ceremony
9:00 am to 9:50 am

Artistic presentation
Almost an island - Grivo and Zaven Paré
10:10 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.

Round table:
AI National Research Centers in Brazil
2:30 pm to 6:00 pm

André Carlos Ponce de Leon Ferreira de Carvalho
Full Professor at the Institute of Mathematical and Computer Sciences of the University of São Paulo (USP) and Vice-President of the Brazilian Computer Society (SBC).

Demi Getschko
Holds BSc, MSc and PhD degrees in Electronic Engineering at the University of São Paulo (USP). Currently he is Associate Professor in Computing Architecture at PUC-SP. He is also a Board Member of CGI.br and CEO of the Brazilian Network Information Center (NIC.br).

Everton Goursand de Freitas
Office of Science, Technology and Digital Innovation, Brazilian Ministry of Science, Technology and Innovation (MCTI).

Fábio Gagliardi Cozman
Director of the Center for Artificial Intelligence at the University of São Paulo (USP) and researcher focusing on machine learning and representation of knowledge and uncertainty.

Henrique de Oliveira Miguel
Director of the Department of Science, Technology and Digital Innovation (DECTI) of the Office of Science, Technology and Digital Innovation at the Brazilian Ministry of Science, Technology and Innovation (MCIT).

Henrique Nogueira de Sá Earp
Associated Professor of Mathematics at the State University of Campinas (UNICAMP) and Executive Manager of the research center in Artificial Intelligence BI0S - Brazilian Institute of Data Science.

Tanara Lauschner
Professor at Federal University of Amazonas (UFAM) and Planning Director of the Brazilian Society of Computer Science (SBC).

Wagner Meira
Full Professor of Computer Sciences at the Federal University of Minas Gerais(UFMG).

Round table:

Foundations and ethical aspects of artificial intelligence and cognitive sciences

9:00 am to 12:00 pm

Jack Copeland

Distinguished Professor of Philosophy at the University of Canterbury in New Zealand.

Oron Shagrir

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

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.

MODERATOR

Hani Yehia

Full professor at the Department of Electronic Engineering at the Federal University of Minas Gerais (UFMG).

Round table:
Neurosciences and artificial intelligence approaches to cognition
2:30 pm to 5:30 pm

Itzhak Fried
Professor In Residence and Director of the Epilepsy Surgery Program at the Department of Surgery at University of California (UCLA).
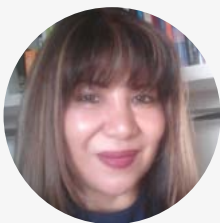
Jay McClelland
Co-directs the Center for Mind, Brain, Computation, and Technology and Lucie Stern Professor of Psychology at Stanford University.

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

MODERATOR

Carmen Flores-Mendoza
Associate Professor at the Postgraduate Program in Neuroscience and at the Department of Psychology at the Federal University of Minas Gerais (UFMG) and member of the International Society for Intelligence Research (ISIR).

Lecture:
The use and benefits of technology in psychological assessment
5:30 pm to 6:00 pm

Wanessa Paixão
Vetor Editora Representant.

MORNING

Round table:
Intelligent robotic systems and society
9:00 am to 12:00 pm

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.

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

Artist, Senior Fellow of the Center for Unframed Thinking (CUT) of Rennes School of Business (RSB).

MODERATOR

Luiz Chaimowicz

Full Professor and head of the Computer Science Department at UFMG.

NOVEMBER 10
(Thursday)

Round table:
Interdisciplinary explorations of artificial intelligence
2:30 pm to 5:30

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

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

Virgílio 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.

MODERATOR

Frederico Gadelha Guimarães
Associate Professor of the Eletric Engineering Department of UFMG. Senior member of IEEE Computational Intelligence Society (CIS).

EVENING

Round table:
Intercontinental academia 4: Intelligence and artificial intelligence
5:40 pm to 7:00 pm

Setting up an intercontinental network by researchers coming from Institutes of Advanced Studies from five continents with ICA4 fellows.

Estevam Barbosa de Las Casas
Director of the Institute of Advanced Transdisciplinary Studies at the Federal University of Minas Gerais (UFMG).

Eliezer Rabinovici
Leon H. and Ada G. Miller professor at the Racah Institute of Physics, The Hebrew University of Jerusalem and President of the CERN (European Organization for Nuclear Research) council.

Sue Gilligan
Research Development Manager (Interdisciplinary) of the Institute for Advanced Studies (IAS) at the University of Birmingham.

Round table:
AI Impact on society
9:00 am to 12:00 pm

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

Marco Aurélio Romano-Silva
Professor of Psychiatry and head of the Department of Mental Health and Coordinator of the Center of Technology in Molecular Medicine at Faculty of Medicine at the Federal University of Minas Gerais (UFMG).

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

MODERATOR

Guilherme Ary Plonski
Full Professor at the Management Department at the University of São Paulo (USP). Director of the Advanced Studies Institute of USP (IEA/USP). He was coordinator of the University-Based Institutes for Advanced Study (UBIAS) network.

Round table:

New social and economic perspectives arising from artificial intelligence

2:30 pm to 5:30 pm

Raouf Boucekkine

Professor of economics at the Aix-Marseille Université, Associate Dean for Researc at Rennes School of Business, former director of IméRA and senior member of the University Institute of France.

Saadi Lahlou

Professor in Social Psychology in the Department of Psychological and Behavioural Science at the London School of Economics and Director of Paris Institute of Advanced Studies (IAS).

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.

MODERATOR

Ricardo Machado Ruiz

Associate Professor at the Faculty of Economics and at the Regional Planning and Development Center (CEDEPLAR) of the Federal University of Minas Gerais (UFMG).

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Obrigado pela confiança e que venha o hexa!

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NOSSO PROPÓSITO

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VETOR EDITORA

VOL VETOR ONLINE

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