



**ADIA | Lab**  
**2023 Symposium Agenda**

# Day 1 - 07 November, 2023

Start Time	End Time	Title	Speaker	Affiliation
8:30	9:00	Registration, Meet and Greet		
9:00	9:30	Welcome address	Dr. Horst Simon	ADIA Lab
9:30	10:15	The Science of Climate Change: Viewing the current state of the climate change through the science lens	Prof. Steven Chu	Stanford University
10:15	10:45	Advances in Climate Scenario Analysis: Moving Beyond the SSP/RCP Framework	Prof. Ricardo Rebonato	EDHEC Business School
10:45	11:15	Coffee Break		
11:15	12:00	<b>Panel Discussion:</b> International Collaborations and ADIA Lab Europe	H.E. Carme Artigas, Secretary of State for Digitalization and Artificial Intelligence of Spain H.E. Inigo de Palacio, Spanish Ambassador to the UAE Prof. Enrique Herrera, Vice-Rector for Research and Transfer, University of Granada, Spain Dr. Horst Simon, Director of ADIA Lab	
12:00	13:00	Lunch		
13:00	13:45	An Overview of High-Performance Computing and Application to Climate and Weather Prediction	Prof. Jack Dongarra	University of Tennessee
13:45	14:15	Earth Visualization Engines: a Technical Perspective	Prof. Torsten Hoefler	ETH Zurich
14:15	14:45	The Dawn of The Social Fintech: AI, Finance and Sustainability	Prof. Luis Seco	University of Toronto
14:45	15:15	Coffee Break		
15:15	15:45	Risk and Return Relationship of Low-Carbon Investing	Prof. Soh Young In	Korean Advanced Institute of Science and Technology (KAIST)
15:45	16:00	Feeling the Heat? Analyzing Climate Change Sentiment using Twitter Data	Prof. Maria Loureiro	Universidad de Santiago de Compostela
16:00	17:00	<b>Panel Discussion:</b> Panel on Climate Change, Computation, and Data Science		

## Day 2 - 08 November, 2023

Start Time	End Time	Title	Speaker	Affiliation
8:30	9:00	Registration, Meet and Greet		
9:00	9:45	Causal AI in Health Research: What can we learn from data and how much learning can we automate?	Prof. Miguel Hernan	Harvard University
9:45	10:00	Causal Inference in Health Care	Dr. Inma Jarrin Vera	Inst. De Salud Carlos III
10:00	10:30	Temporally Evolving Generalised Networks	Prof. Emilio Porcu	Khalifa University
10:30	11:00	Coffee Break		
11:00	11:45	Engineering Digital Ecosystems for Health Sciences	Prof. Sandy Pentland	Massachusetts Institute of Technology
12:00	13:00	Lunch		
13:00	13:45	Constructing and Deconstructing Trust in Machine Learning: A cryptographic perspective	Prof. Shafi Goldwasser	UC Berkeley, MIT, Weizmann Institute of Science
13:45	14:15	Interoperability Challenges for Asset Token Networks	Dr. Thomas Hardjono	Massachusetts Institute of Technology
14:15	14:45	Shaping the Future: Digital Economy, Distributed Ledger Technology, and the Rise of Generative AI	Prof. Juan Corchado	University of Salamanca
14:45	15:15	The Interplay of Epidemiological, Economical and Social Models: A data driven approach	Prof. Jorge Zubelli	Khalifa University
15:15	15:45	Coffee Break		
15:30	16:00	Responsible Artificial Intelligence Systems: Towards auditability, safe and trustworthy AI	Prof. Francisco Herrera	University of Granada
16:00	16:15	Aligning Applied AI Research, Industrial Needs and Societal Challenges	Prof. Javier del Ser	Tecnalia
16:15	16:30	A Lightning-Fast, Energy-Efficient Trainable Artificial Intelligence System	Dr. Manuel F. Dolz	University of Valencia
16:30	17:30	<b>Panel Discussion:</b> Challenges and Opportunities for ADIA Lab		
17:30	17:45	Farewell	Dr. Horst Simon	ADIA Lab