

Instituto de
Ciencias
Nucleares
UNAM



AISIS2021
A shared venue for AI

Artificial Intelligence for Science, Industry, and Society

2nd edition
October 11-15, 2021

*Artificial Intelligence
for Science, Industry
and Society*

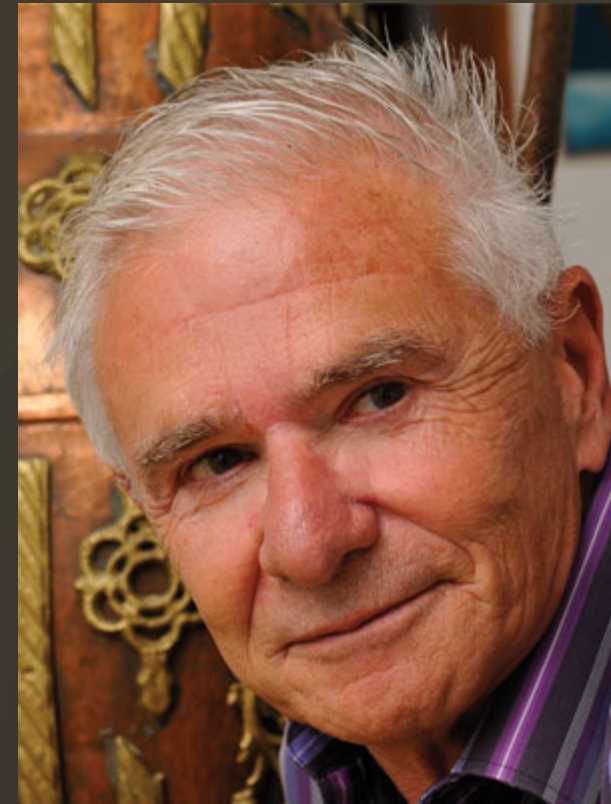
Steven Schramm
On behalf of the organisers

Welcome from the organisers



Alan
PAIC

OECD



Guy
PAIC

UNAM



Lukas
NELLEN

UNAM



Steven
SCHRAMM

U. Geneva

Session conveners:

- Anurag Agrawal
- Bonnie Lei
- Dominique Guellec
- Elena Cuoco
- Jean-Marc Deltorn
- Jennifer Ngadiuba
- Karine Perset
- Markus Diefenthaler
- Peter Dueben
- Tiago Cravo Oliveira Hashiguchi
- Željko Ivezić

+ local support and organisation from UNAM



A shared venue for AI

About the AISIS symposium

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First iteration at UNAM in 2019

- 185 participants; a week of talks+panels

<http://epistemia.nucleares.unam.mx/web?name=AISS2019>



Second iteration online, with UNAM support

- More than 230 registered participants

- Dozens of pre-recorded contributions

- A (half-day) week of keynotes and panels

- See the website for all relevant info

<https://aisis-2021.nucleares.unam.mx/>

In case you have any questions or encounter problems, contact the organisers at the following email address:

ai-symposium-2021@correo.nucleares.unam.mx

The AISIS mission statement

A shared venue for AI

AISIS aims to bring together experts in AI from different domains

- Science, industry, and society are all impacted by AI
- Interaction across (and within) these domains can be challenging
- There is often overlap of tasks/challenges between domains

The global importance of AI has only become more clear since 2019

- The use of AI is growing at a dramatic rate, in different directions
- Applications are becoming increasingly complex
- There are also increasing ethical/policy questions related to AI

AISIS aims to provide shared venue to discuss AI developments

- Important to bring together experts from different domains
- Together, we can learn how to best use AI for the good of all

Live sessions and keynotes

Time (UTC)	October 11	October 12	October 13	October 14	October 15
12:00	12:00 - 12:15 Introduction	12:00 - 14:00 Session 3 (extended): Health and medicine	12:00 - 13:30 Session 5: AI enabling technologies for daily life	12:00 - 13:30 Session 7: Climate and weather science	12:00 - 12:45 Keynote 5: Neil Abroug
12:15	12:15 - 13:45 Session 1: Natural language processing				
12:30					
12:45					
13:00					
13:15					
13:30	13:45 - 14:30 Keynote 1: Michel Morvan	BREAK	13:30 - 14:15 Keynote 3: Mirjana Stankovich	13:30 - 14:15 Keynote 4: Yoshua Bengio	12:45 - 14:15 Session 9: Quantum Computing
13:45			BREAK	BREAK	
14:00	14:15 - 15:00 Keynote 2: Bonnie Lei	14:30 - 16:00 Session 6: Particle and nuclear physics			
14:15	14:45 - 16:15 Session 2: Astrophysics and astronomy		15:00 - 16:00 Session 4: The planet and biodiversity		
14:30				15:15 - 16:15 Session 10: Prizes	
14:45					
15:00	16:15 - 17:00 Keynote 7: Cédric Villani				16:15 - 16:30 Closing
15:15					
15:30					
15:45					
16:00					
16:15					
16:30					
16:45					

We hope that you will be able to join us for most of the live event!

- 7 keynote speakers
- 9 topical sessions
- A concluding session for prizes

Online event aims to balance time zones

- Schedule is in UTC; some conversions:

West Coast (PDT)	- 7 hours	day starts 05:00
Central/Mexico (CDT)	- 5 hours	day starts 07:00
East Coast (EDT)	- 4 hours	day starts 08:00
UK (BST)	+ 1 hour	day starts 13:00
Central EU (CEST)	+ 2 hours	day starts 14:00
New Delhi (IST)	+ 5.5 hours	day starts 17:30
Tokyo (JST)	+ 9 hours	day starts 21:00
Canberra (AEDT)	+ 11 hours	day starts 23:00

- The live event is complemented by pre-recorded contributions

Participating in the symposium

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Live event participation:

- The full live event will take place on Zoom, in this virtual room
- Please make sure to observe standard "Zoom etiquette"
 - Mute your audio connection when you are not speaking
 - If you have a question, use the raise hand feature, and wait for the session convener to call on you to speak
 - Alternatively, you can leave questions in the Zoom chat box

Asynchronous participation:

- The pre-recorded talks are available on the website:
 - **<https://aisis-2021.nucleares.unam.mx/sessions/>**
 - You can discuss these talks on the website at your convenience
- We will record all of the live sessions, but only upload if all agree
 - If any participants in a given session object to being recorded or do not reply, we will delete the recordings rather than uploading



Welcome to AISIS 2021

We hope you enjoy the symposium!

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In case of problems/questions:

ai-symposium-2021@correo.nucleares.unam.mx