

The dawn of the XXI century saw the beginning of an explosion of interest in the nature of the precious cognitive achievement that goes by the ordinary name of “understanding”. Two and a half decades later, the literature produced by epistemologists, philosophers of science, cognitive psychologists, has shed so much light on so many aspects and manifestations of the diverse forms that understanding can take, that it feels appropriate to ask where our understanding of understanding stands at the present, after all those contributions.



ORGANIZED WITH THE SUPPORT OF

Instituto de Investigaciones Filosóficas, UNAM

Posgrado en Filosofía, UNAM

Posgrado en Filosofía de la Ciencia, UNAM

KEYNOTE SPEAKERS

Stephen Grimm

(Fordham)

Allan Hazlett

(WU, St. Louis)

Soazig Le Bihan

(Montana)

Tania Lombrozo

(Princeton)

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Designed and created by José Romero Guillermo-DC IIFs

THE VARIETIES OF UNDERSTANDING CHALLENGES AND NEW DIRECTIONS

June 23-25, 2025



INSTITUTE FOR PHILOSOPHICAL RESEARCH UNAM
MEXICO CITY, MEXICO

THE VARIETIES OF UNDERSTANDING CHALLENGES AND NEW DIRECTIONS

June 23-25, 2025

Monday, 23th

10:50 - 11:00 **Welcoming**

11:00 - 12:40 **Stephen Grimm**

Fordham University, USA

"Notional Understanding vs. Real Understanding -- in Human Beings, and in Artificial Intelligence"

12:50 - 13:50 **David Bourget**

Western University, Canada

"Is there a sense in which AI assistants can understand anything?"

Lunch Break

16:00 - 17:00 **Jake Spinella**

University of Illinois, Chicago, USA

"How to Do Things with Propositions: Understanding-Why as Propositional Know-How"

17:10 - 18:50 **Allan Hazlett**

Washington University, St. Louis, USA

"Exclusive Understanding"

Tuesday, 24th

11:00 - 12:40 **Tania Lombrozo**

Princeton University, USA

"Machine Understanding"

12:50 - 13:50 **Andrés Páez**

Universidad de los Andes, Colombia

"Explanation and Understanding in Deep Neural Networks"

Lunch Break

16:00 - 17:00 **Jocelyn Wang**

Rutgers Center for Cognitive Science, USA

"Memory as a Generative Source of Understanding"

17:00 - 18:00 **Martina Orlandi**

Trent University Durham, Canada

"Ch(A.I.)nging Our Minds"

Wednesday, 25th

11:00 - 12:00 **Bruno Malavolta**

UNAM, México

"Anti-intellectualism and Scientific Understanding"

12:00 - 13:00 **María del Rosario Martínez-Ordaz**

UNAM, México

Moisés Macías-Bustos

University of Massachusetts-Amherst, USA

"Structural Understanding: The Unity of Scientific Understanding"

Lunch Break

15:00 - 16:00 **Otavio Bueno**

Miami University, USA

"Understanding and Explanation: Structure and Modality"

16:10 - 17:50 **Soazig Le Bihan**

Montana University, USA

"Problems and Possibilities: A Pragmatic View of Scientific Understanding"



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