

Organizers:

The Centre for Research in Philosophy of Science and Technology (University of A Coruña) with the support of the Society of Logic, Methodology and Philosophy of Science in Spain.

Venue:

Concepción Arenal Assembly Hall;
Calle Dr. Vázquez Cabrera, s/n; 15403-Ferrol (A Coruña)

Coordinator:

Wenceslao J. Gonzalez, Department of Humanities.

Calendar:

12 and 13 March 2020

Scientific Committee:

W. J. Gonzalez, Javier Echeverría, Juan Arana, Pascual Martínez Freire and Donald Gillies.

Organizing Committee:

W. J. Gonzalez, Maria Jose Arrojo, Amanda Guillán, Jéssica Rey, Pablo Vara and Alba García.

Information and registration:

Faculty of Humanities and Documentation;
Calle Dr. Vázquez Cabrera, s/n; 15403-Ferrol
(A Coruña); Spain

E-mail: jornadas.filosofia.ciencia@udc.es

Web page: cifcyt.es

It can also be used jornadasfilosofiaciencia.es

Telephone: +34 881 013814

Fax: +34 981 337430

Registration:

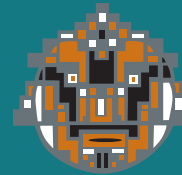
From 5 to 28 February 2020

These conferences are offered within the framework of the Inter-University Doctorate in Logic and Philosophy of Science. But it is also an open course for those university students and professionals interested in the Contemporary Philosophy and Methodology of Science. Its orientation is of special interest to participants in official Masters, for academic and research training.

The registration fee is 40 euros for university students and 70 euros for professionals. A Diploma of Attendance will be provided to participants.

Honorary ceremony prior to the Conference:

John Worrall will receive the Doctorate Honoris Causa on 11 March, Wednesday, at 12:00 in the Concepción Arenal Assembly Hall.



Society of Logic, Methodology and Philosophy of Science in Spain

Collaborating entities:



FUNDACIÓN FILOSOFÍA DE LA
CIENCIA Y LA TECNOLOGÍA

Conference on PHILOSOPHY OF SCIENCE TODAY: SEVEN PERSPECTIVES



XXV CONFERENCE ON CONTEMPORARY
PHILOSOPHY AND METODOLOGY OF SCIENCE

John Worrall is Emeritus Professor at the London School of Economics in the Department of Philosophy, Logic and Scientific Method. He edited Imre Lakatos' *Proofs and Refutations* as well as Lakatos' collected works. He was the editor of the *British Journal for Philosophy of Science* for nine years, and is a former President of the *British Society for the Philosophy of Science*. He was also, for more than 20 years, the chair of the management committee for the Lakatos Award – the most prestigious international award in Philosophy of Science. He has been a leading defender of "structural realism" - a position which continues to attract much attention; and he is very influential in the Philosophy of Medicine. His publications include "Structural Realism: The Best of Both Worlds?" (1989); "Why Randomise? Evidence and Ethics in Clinical Trials" (2006); and "Why there's no cause to randomize" (2007).

Philip Kitcher is *John Dewey Professor* of Philosophy at Columbia University (New York). He was Director of the *Minnesota Center for the Philosophy of Science* (1984-1986). He has been President of the *American Philosophical Association* (Pacific Division) and Editor-in-Chief of *Philosophy of Science* in the United States. He has received the Prometheus Prize (APA) and the Rescher Medal for contributions to systematic philosophy (2019). Kitcher has published *The Nature of Mathematical Knowledge* (1983); *The Advancement of Science* (1993); *Science, Truth, and Democracy* (2001); "Science in a Democratic Society" (2011); and "Scientific Realism: The Truth in Pragmatism" (2011).

Donald Gillies is Emeritus Professor of Philosophy of Science and Mathematics at University College London. He has been Editor of the *British Journal for Philosophy of Science*, President of the *British Society for Philosophy of Science*, and President of the Jury for the *Fernando Gil International Philosophy of Science Prize*. Among his publications are: *Artificial Intelligence and Scientific Method* (1996); *Philosophical Theories of Probability* (2000); "Kuhn on Discovery and the Case of Penicillin" (2006); and *Causality, Probability, and Medicine* (2019).

PROGRAM

Thursday, 12 de marzo de 2020

Morning and afternoon

- 9:00 to 9:30 Reception of documentation.
 9:45 Inauguration of the Conference.
 10:00 **John Worrall** (*London School of Economics*): "Philosophy of science meets medicine (again): a clearer-sighted view of the virtues of blinding and of tests for blinding in clinical trials."
 12:00 **Donald Gillies** (*University College London*) and **Marco Gillies** (*Goldsmiths, University of London*): "Artificial Intelligence and Philosophy of Science from the 1990s to 2020."
 Evening
 5:00 **Joe Roussos** (*Institute for Future Studies, Stockholm*), **Richard Bradley** (*London School of Economics*), and **Roman Frigg** (*London School of Economics*): "Environmental decision-making under uncertainty."
 7:00 Round Table: "Current Trends in Philosophy of Science and Prospective for the Near Future", **John Worrall**, **Philip Kitcher**, **Donald Gillies**, **Thomas Nickles**, **Maria Carla Galavotti**, **Theo Kuipers**, and **Roman Frigg**.

Friday, 13 March 2020

Morning and afternoon

- 10:00 **Maria Carla Galavotti** (*University of Bologna*): "From Logical to Probabilistic Empiricism."
 12:00 **Thomas Nickles** (*University of Nevada at Reno*): "Whatever happened to the logic of discovery? From transparent logic to alien reasoning."
 Evening
 5:00 **Theo Kuipers** (*University of Groningen*), "The logic of qualitative progress in nomic, design, and explicative research."
 7:00 **Philip Kitcher** (*Columbia University, New York*): "Scientific Progress and the Search for Truth."
 8:45 Closing Session. Delivery of Diplomas.

Maria Carla Galavotti is Emerita Professor of Philosophy of Science, University of Bologna. She has coordinated the European network "The Philosophy of Science in a European Perspective" (2008-2013), of the *European Science Foundation*. She has been a visiting fellow at Princeton (Department of Philosophy), Stanford (CSLI) and Pittsburgh (Center for Philosophy of Science). She is a member of Clare Hall College (University of Cambridge). Galavotti is the editor of *Observation and Experiment in the Natural and Social Sciences* (2003) and the author of "Kinds of Probabilism" (2003); *Philosophical Introduction to Probability* (2005); "Probabilistic Causality, Observation and Experimentation" (2010); and "On Representing Evidence" (2014).

Thomas Nickles is Emeritus Professor of Philosophy at the University of Nevada, Reno. He was named *Joseph N. Crowley Distinguished Professor of the Humanities* and is a Fellow of the *American Association for the Advancement of Science*. He completed his doctoral dissertation in 1969 with Carl G. Hempel as Director, in the Princeton Program directed by Thomas Kuhn. He edited the *Philosophy of Science Association Congress* (1982) and of the book *Thomas Kuhn* (2003). His publications include "Creativity, Nonlinearity, and the Sustainability of Scientific Progress" (2013); and "Tempo and Mode in Scientific and Technological Innovation: Thomas Kuhn and Nonlinear Dynamics" (2013).

Theo Kuipers is Emeritus Professor of Philosophy of Science at the University of Groningen (Netherlands). He is a member of the Royal Holland Society of Sciences and Humanities and has been Vice-President of the *European Association of Philosophy of Science* (2011-2013). He is the author of *From Instrumentalism to Constructive Realism* (2000), *Structures in science* (2001); *Nomic truth approximation revisited* (2019); and the editor of *General Philosophy of Science: Focal Issues* (2007).

Roman Frigg is Professor of Philosophy at the *London School of Economics*, where he is Director of the *Centre for Philosophy of Natural and Social Science* and Co-Director of the *Centre for the Analysis of Time Series*. He holds a research award F. W. Bessel from the Humboldt Foundation. He was associated editor of the *British Journal for Philosophy of Science*. Frigg is the Convenor of the Lakatos' Award. He is the author of "Scientific Representation and the Semantic View of the Theories" (2006) and "Philosophy of Climate Change part I and part II" (2015).