



graphics: ChiaraBaia

Einstein - Bergson 100 years later

WHAT IS TIME?

Conference organisers

Paola Inverardi, Rector of the University of L'Aquila;
Eugenio Coccia, Rector of the Gran Sasso Science Institute;
Simone Gozzano, Dean, Department of Humanities, University of L'Aquila;
Rocco Ronchi, Professor of Theoretical Philosophy, University of L'Aquila

Speakers

Jimena Canales, Elie During, Guido Tonelli, Mauro Dorato, Rocco Ronchi, Julian Barbour, Giuseppe Longo,
Marc Wittmann, Eugenio Coccia, Etienne Klein, Matthew T. Segall, Jean-Claude Dumoncel, Yuval Dolev,
Michel Weber, Carl Hoefer, Pierre Montebello, Chris Wütrich, Marco Bersanelli, Massimo Capaccioli

Conference organizing secretariat

Alessandra Campo, research fellow in Theoretical Philosophy, University of L'Aquila

Contacts

conference_aquila@strutture.univaq.it - tel. 339 864 96 98

Info & Programme

<https://goo.gl/kkz7TE>

APRIL 4 - 5 - 6 , 2019 | L'AQUILA
GSSI (Viale Crispi, 7) - UNIVAQ Lecture Hall (Viale Nizza, 14)
- Auditorium del Parco (Viale Medaglie D'Oro)



graphics: ChiaraBaia

PROGRAM

Thursday, 4 April

Lecture hall – Gran Sasso Science Institute – Via Francesco Crispi, 7

h. 9. 00 – 9. 15 : Address by **Paola Inverardi** (Rector of the University of L'Aquila)

h. 9. 15 – 9. 30 : Setting the stage of the *séance*: Einstein and Bergson by **Alessandra Campo**
(Research Fellow in Theoretical Philosophy at the University of L'Aquila)

h. 9. 30 – 10. 00 : Opening remarks in the form of a Reading by **Eugenio Coccia** (Rector of the Gran Sasso Science Institute) and **Simone Gozzano** (Dean of the Department of Humanities of the University of L'Aquila).

Morning: h. 10.00 – 13.00

Meeting or clash? Time or timelessness?

h. 10. 00 - 10. 45: **Elie During**: *Time and Coexistence: the ongoing relevance of the Bergson-Einstein dispute*

h. 10. 45 – 11. 30: **Jimena Canales**: *Einstein's Bergson Problem: the implications of the Einstein-Bergson debate for physics and philosophy*

h. 11. 30- 12. 00: Coffee Break

h. 12. 00 - 13. 00: **Eugenio Coccia**: *Time's paradoxes*

h. 13. 00 - 14. 00: Lunch time

Afternoon: h. 14.30 – 19.00

Einstein or Bergson? Physics or philosophy?

h. 14. 30 – 15.15 : **Yuval Dolev**: *When physics and metaphysics clash: Einstein and Bergson on passage*

h. 15.15 – 16.00 : **Matthew T. Segall**: *Beyond the bifurcation of nature: Einstein, Whitehead, and the experience of time*

h. 16.00 – 16. 30: Discussion

h. 16. 30 – 17.00: Coffee Break

h. 17.00 – 17. 45: **Etienne Klein**: *Who is entitled to talk about time? Physicists or philosophers?*

h. 17. 45 – 18. 30: **Jean-Claude Dumoncel**: *Entre le temps de la physique et le temps de la philosophie, le temps de la tense logic? Sosein, Dasein, Zeitsein* (Between the time of physics and the time of philosophy, the time of tense logic? Sosein, Dasein, Zeitsein)

18. 30 – 19. 00 : Discussion

Friday, 5 April

Lecture hall – University of L'Aquila- Viale Nizza 14

Morning: h. 9.00 – 13.30

Arrow or circle? Eternity or duration?

h. 9. 00 – 9. 45: Carl Hoefer: *Is physics incompatible with the passage of time?*

h. 9. 45 – 10. 30: Julian Barbour: *Being and becoming in a new theory of time's arrows*

h. 10. 30 – 11. 00: Discussion

h. 11. 00 – 11. 30: Coffee Break

h. 11. 30 – 12. 15: Christian Wütrich: *One time, two times, or no time?*

h. 12. 15 – 13. 00 : **Rocco Ronchi:** *Peter and Paul: a ghost story*

h. 13. 00 – 13. 30 : Discussion

h. 13. 30 – 14. 30: Lunch time

Afternoon: h. 15.00 - 19.30

Ontological or psychological? Nature or nurture?

h. 15. 00 – 15. 45: Michel Weber: *The ontological roots of temporality*

h. 15. 45 - 16. 30: Mauro Dorato: *The mental time travel and the problem of passage of time*

h. 16. 30 – 17. 00: Discussion

h. 17. 00 – 17. 30: Coffee Break

h. 17. 30 – 18. 15: Pierre Montebello: *L'épreuve du temps: de la nature à l'homme* (The test of time: from nature to man)

h. 18. 15 – 19. 00: Marc Wittmann: *How we perceive time: the body, feelings and the self*

h. 19. 00 – 19. 30: Discussion

Saturday, 6 april

Auditorium del Parco - Via delle Medaglie d'Oro

Morning: h. 9.00 – 14.00

Biological or galactic? Micro or macro?

h. 9. 00 – 9. 30: Address by **Walter Cavalieri**

h. 9. 30 – 10. 15: **Massimo Capaccioli:** *La scala temporale nell'evoluzione delle galassie e degli ammassi di galassie* (Time scales in the evolution of galaxies and galaxy clusters)

h. 10. 15 – 11. 00: **Giuseppe Longo:** *Realtivizzando il tempo della relatività: una teoria del tempo biologico* (Realitvizing the Time of Relativity: a theory of biological time)

h. 11. 00 – 11. 30: Discussion

h. 11. 30 – 12. 00: Coffee Break

h. 12. 00 – 12. 45: **Guido Tonelli:** *Tempo e particelle elementari* (Time and elementary particles)

h. 12. 45: 13. 30: **Marco Bersanelli:** *L'età dell'universo* (The age of universe)

h. 13. 30 – 14. 00: Discussion

h. 14. 00 – 15. 00: Lunch time