



Science, Health, Economics, and Society

Rome, 9-11 September 2021

Conference Center of the Campus Biomedico, via Salandra 13

ETHOS
Osservatorio di
Etica Pubblica
Luiss Business School

JYU
Institut für
Philosophie und
Wissenschaftstheorie

The COVID-19 emergency crisis emphasized the strong interconnection between scientific consensus/dissent, cost-effectiveness of policy interventions and their implications for public health, social welfare, economics and society at large. The debate over (mandatory) vaccination, the evaluation of the therapeutic benefits and safety associated with off-label drugs, or still-to-be approved treatments, the psychosocial effects of distancing and lockdown measures, cost-effectiveness considerations of containment measures, the economic and political implications for our welfare, and issues of social as well as economic justice bring to light the deep interconnection of scientific enterprise, health systems, and society.

Furthermore, plagued by deep uncertainty and manipulative attempts, the media system may have fostered polarization of debates and a credibility crisis towards science and the political institutions. Scientific dissent on policy matters are giving a new perspective to the traditional *problem of “demarcation” of science* from pseudo-science. In turn this raises the theoretical question about how to characterize scientific rationality in such contexts and how to deal with scientific ecosystems characterized by vested interests and hidden agendas: who decides what is science and what is scientific?

The conference gathers scientists, economists, policy-makers and methodologists of science as well as the medical profession in order to take stock, analyse best practices around the world, and advance a multidisciplinary, evidence-based debate on industry and non-industry sponsored scientific research, containment measures, prevention and treatment prospects, resources allocation and their impact for health and society, in view of advancing proposals for the development of virtuous mechanisms that reward overall public and individual health and well-being.

Speakers

Fiorella Battaglia (LMU, Munich)

Alberto Chierici (NYU, Abu Dhabi)

Juan Carlos de Martin (PoliTO, Turin)

Alberto Donzelli (Fondazione *Allineare Sanità e Salute*, Milan)

Cristoph Lütge (TUM, Munich)

Caterina Marchionni (HELSUS, Helsinki)

Antonello Maruotti (LUMSA, Rome)

Nicola Matteucci (Univpm, Ancona)

Eduardo Missoni (Bocconi, UniMiB, Milan)

Enrico Nardelli (Tor Vergata, Rome)

Barbara Osimani (Univpm, Ancona)

Julian Reiss (JKU, Linz)

Andrea Saltelli (UAB, Barcellona)

Jacob Stegenga (HPS, Cambridge)



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Participants in the discussion:

Marta Bertolaso (UCBM, Rome)

Paola Binetti (UCBM, Rome)

Massimo Ciccozzi (UCBM, Rome)

Paolo Ciocca (CONSOB, Rome)

Vito Fazio (IFT-CNR, Rome)

Sebastiano Maffettone (ETHOS Luiss Business School, Rome)

Alessandro Marchetti (Zhejiang University, China)

Giorgio Minotti (UCBM, Rome)

Laura Palazzani (LUMSA, Rome)



Organization

Fiorella Battaglia (LMU, Munich)

Marta Bertolaso (UCBM, Rome)

Vito Fazio (CNR, Rome)

Nicola Matteucci (Univpm, Ancona)

Giorgio Minotti (UCBM, Rome)

Barbara Osimani (Univpm, Ancona)

Julian Reiss (JKU, Linz)

Elisa D'Adamo (Univpm, Ancona)

Margherita Daverio (LUMSA, Rome)

Maria Laura Ilardo (Univpm, Ancona)



Consiglio Nazionale
delle Ricerche



Topics

1. Economic, geographical, social, epistemic and legal asymmetries endangering the democratic mechanisms of our societies;
2. Science policy and science economics: resources allocation of scientific research and freedom of research;
3. The problem of demarcation of science in the current world, reliability of research, scientific fraud and science policy;
4. Science in and for society: scientific dissemination; exploitation processes, scientific communication, scientific organizations and the media system;
5. Lack of therapeutic responses and the medical system: welfare and health systems - interconnection of private and public sector, interconnections with academia and scientific research, best practices;
6. Science, industry and regulatory agencies: bridging academic, institutional and political perspectives and expertise;
7. The social planner and mechanism design: how to shape institutions so as to possibly minimize the danger of regulatory capture and the related risk for our democracy: the government, local authorities and the medical system.
8. Nudging: persuasion, paternalism, authoritarianism (restriction of personal freedoms, freedom of enterprise, physical distancing, implications for work and education);
9. Shaping our societies: ethical, anthropological and philosophical perspectives on the pandemic, its sociological and political implications, religious and cultural factors;
10. Geopolitics and information wars.

Program

(time zone: CET, Rome)

Thursday, 9th September: *Welcome Cocktail, 7 pm*

[Hotel Bissolati](#), via Bissolati 40, 00187 Rome

Friday, 10th September

- h. 9.15-9.30 Greetings
Health Governance and Scientific Advice - I session chair: Marta Bertolaso
- h. 9.30-10.00 **Christoph Lütge (TUM, Munich):** Ethics, Proportionality and Scientific Reputation during the COVID Crisis
- h. 10.00-10.30 **Caterina Marchionni (HELSUS, Helsinki):** Responsible modelling in a pandemic: predictive accuracy and performative effects
- h. 10.30-11.00 **Julian Reiss (JKU, Linz)**
- h. 11.00-11.15 *Coffee Break*
II session chair: Nicola Matteucci
- h. 11.15-11.45 **Antonello Maruotti (LUMSA, Rome):** From data to modelling: why statistics is fundamental to manage the epidemic
- h. 11.45-12.15 **Jacob Stegenga (HPS, Cambridge):** Simulation of trial data to test speculative hypotheses about research methods
- h. 12.15-12.45 *Discussion*
- h. 12.45-14.00 *Lunch*
III session chair: Fiorella Battaglia
- h. 14.00-14.30 **Andrea Saltelli (UAB, Barcelona):** Science, the endless frontier of regulatory capture
- h. 14.30-15.00 **Barbara Osimani (Univpm, Ancona):** Science as a Signaling Game
- h. 15.00-15.30 **Nicola Matteucci (Univpm, Ancona):** New perspectives on conflict of Interest and regulatory Capture
- h. 15.30-16.00 *Discussion*
- h. 16.00-16.15 *Coffee Break*
IV session chair: Barbara Osimani
- h. 16.15-16.45 **Alberto Donzelli (Fondazione Allineare Sanità e Salute, Milano):** Safe and inexpensive Covid-19 home therapies, of proven or probable efficacy
- h. 16.45-17.15 **Eduardo Missoni (Bocconi, Milan):** The World Health Organization and the governance of the Covid-19 pandemic
- h. 17.15-17.45 *Discussion*

- h. 17.30-18.45 **Round-Table: Biopolitics in the era of Technoscience** with **Marta Bertolaso** (UCBM, Rome), **Paola Binetti** (UCBM, Rome), **Massimo Ciccozzi** (UCBM, Rome), **Sebastiano Maffettone** (ETHOS Luiss Business School, Rome), **Laura Palazzani** (LUMSA, Rome).
(Chair: *Fiorella Battaglia*)
- h. 20.00 **Conference Dinner (Hotel Bissolati)**

Saturday, 10th September

Fifth Session: Men and Machines (Chair: Julian Reiss)

- h. 9.30- 10.00 **Fiorella Battaglia (LMU, Munich)**
- h. 10.00-10.30 **Enrico Nardelli (Tor Vergata, Rome):** Informatics and Education: a grand challenge for the 21st century
- h. 10.30-11.00 **Juan Carlos de Martin (PoliTO, Turin)**
- h. 11.00-11.15 *Coffee Break*
- h. 11.15-11.45 **Mariano Bizarri (Sapienza)**
- h. 11.45-12.15 *Final Discussion - White Paper Project*

Links for attending the conference online (on Teams):

- **10 September 2021:** https://teams.microsoft.com/l/meetup-join/19%3ameeting_YzBjYWwNkYjMtOWYyMC00ODk5LWI3ODAtODAwMWIxMzBiMGNk%40thread.v2/0?context=%7b%22Tid%22%3a%22117b418d-fb21-416f-a85f-1e9ff725bf2c%22%2c%22Oid%22%3a%2274c7474b-4055-4cac-b66d-8220a8f6731e%22%7d
- **11 September 2021:** https://teams.microsoft.com/l/meetup-join/19%3ameeting_MjNlNGUxZDMtYTJhYy00NmY1LWlWnWQfZjNlODZmOTdkOWYy%40thread.v2/0?context=%7b%22Tid%22%3a%22117b418d-fb21-416f-a85f-1e9ff725bf2c%22%2c%22Oid%22%3a%2274c7474b-4055-4cac-b66d-8220a8f6731e%22%7d



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