

Advanced Research Workshop

Fighting disinformation in a pandemic world: the role of AI and cognitive sciences

*Rome, November 16-17, 2021
Istituto della Enciclopedia Italiana Treccani*

Piazza della Enciclopedia Italiana, 4

Organized by



with the collaboration of



FINAL PROGRAMME

Day 1

9-9:30 am Registration and Welcome Coffee

9:30-10:30 am Opening Remarks:

Massimo Bray (Direttore Generale Istituto Treccani)

Ambassador Francesco M. Talò (Italy's Permanent Representative at NATO)

David van Weel (NATO Assistant Secretary General for Emerging Security Challenges)

10:10-10:30am Introduction to ARW

Prof. Riccardo Viale (Secretary General Herbert Simon Society-HSS and President BIB-Behavioural Insights Bicocca at CISEPS- Center for Interdisciplinary Studies in Economics, Psychology and Social sciences University of Milano-Bicocca) / Director of the Workshop

“Fake AI to Fight Fake News?”

10:30-11:30 am Keynote talk 1: **Prof. Gerd Gigerenzer** (Max Planck Institute for Human Development and Director of Harding Center for Risk Literacy, University of Potsdam)

“Fighting Disinformation with Risk Literacy”

(chair: Prof. Riccardo Viale)



Session 1: Disinformation and the human mind: socio-cognitive remedies against fake news

(chair: Prof. Massimo Egidi)

11:30- 12:10pm **Prof. Pete Lunn** (ESRI- The Economic and Social Research Institute, Dublin)

“Behavioural Public Policy and Misinformation”.

12:10-12:50 pm **Prof. Hugo Mercier** (Institut Jean Nicod, Paris)

“Why does fake news have so little impact?”

12:50-1:30 pm **Prof. Fabio Paglieri** (ISTC- CNR, Rome) “The war on knowledge: critical thinking education as a strategic asset in the fight against disinformation”

1:30-2:30 pm Light lunch and Coffee

2:30-3:30 pm Keynote talk 2: **Prof. Sander van der Linden** (University of Cambridge, UK and Director of the Cambridge Social Decision-Making Lab)

“Inoculating Against Fake News”

(chair: Prof. Fabio Paglieri- ISTC- CNR, Rome)

Session 2: AI against disinformation: open problems and viable solutions

(chair: Prof. Fabio Paglieri- ISTC- CNR, Rome)

3:30-4:10 pm **Prof. Mariarosaria Taddeo** (University of Oxford and Programme Director of the DPhil in Information, Communication and the Social Sciences, Oxford Internet Institute)

“Cybersecurity and the Ethics of Information”

4:10-4:50 pm **Prof. Irina Gurevych** (Technical University of Darmstadt, Germany and Head of Ubiquitous Knowledge Processing-UKP Lab)

“Natural Language Processing for AI-assisted Fact-Checking”

4:50-5:30 pm **Dr. Elena Musi** (University of Liverpool)

“Human Computer Interaction to counter fake news”

5:30-6 pm **General Discussion and Conclusions of Day 1**

Day 2

9:15 a.m. Opening and Welcome Coffee

09:30-10:30 am Keynote talk 3: **Prof. Walter Quattrociocchi** (Sapienza University of Rome and Director of Center of Data Science and Complexity for Society, Sapienza University of Rome)

“Social Dynamics on Social Media”

(chair: Prof. Fabio Paglieri, ISTC- CNR, Rome)

Session 3: Disinformation as a sociotechnical challenge: vulnerabilities and opportunities

(chair: Prof. Fabio Paglieri, ISTC- CNR, Rome)

10:30-11:10 am **Dr. Aleksandra Cichocka** (University of Kent, UK)

“Conspiracy theories beliefs and dissemination”

11.10-11:50 am **Dr. Pietro Gravino** (SONY Computer Science Lab, Paris)

“Toward Post-Fake Era”

11:50-12:30 pm **Prof. Aleksandra Cislak** (SWPS University of Social Sciences and Humanities-Warsaw)

“Motivated group identities and misinformation acceptance”

12:30-1 pm General Discussion

1-2 pm Light lunch and Coffee

2-3 pm Keynote talk 4: **Stephan Lewandowsky** (University of Bristol)

“COVID-19 vaccine hesitancy: origins and possible responses”

(chair: Dr. Pietro Gravino- SONY Computer Science Lab, Paris)

Session 4: Media policy and disinformation: political and ethical aspects

(chair: Dr. Pietro Gravino- SONY Computer Science Lab, Paris)

3-3:40 pm **Prof. Damian Tambini** (The London Schools of Economics and Political Science)

“Information Warfare and Media Freedom: is censorship necessary for defence?”

3:40-4:20 pm **Dr. Maksym Yakovlyev** (National University of Kyiv-Mohyla Academy)

“Semantics and pragmatics of political concepts in counteracting cognitive hacking and weaponization of information”

4:20-5 pm **Prof. Sara Rubinelli** (University of Lucerne)

“Building resilience against mis/disinformation: WHO competency framework for infodemic management”

5-5:40 pm **Ms. Anni Sternisko** (New York University)

“The social complexities of conspiracy theories”

Closing Speech

5:40-6 pm **Dr. Deniz Beten** (Senior SPS and Partnership Cooperation Advisor, Science for Peace and Security (SPS) Programme, NATO)

6 pm **Conclusions and Closing Ceremony**

