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)
10:10-10:30 am 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- 12:10 pm 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