

ROMCIR 2023

The 3rd Workshop on
Reducing Online Misinformation
through Credible Information Retrieval

Held in conjunction with **ECIR 2023**:
The 45th European Conference on Information Retrieval

Organizers: **Marinella Petrocchi** (IIT, Pisa),
Marco Viviani (University of Milano-Bicocca, Milan)

April 2, 2023 – Dublin, Ireland



The Scenario

What we see unfolding right before our eyes is nothing less than Moore's Law applied to the distribution of misinformation: an exponential growth of available technology coupled with a rapid collapse of costs.

Filloux, F. (2017) *You can't sell news for what it costs to make*, the Walkley Magazine on Medium



Topics of Interest

- Access to truthful information
- Bias detection
- Bot/spam/troll detection
- Computational fact-checking
- Crowdsourcing and misinformation
- Deep fakes
- Disinformation/misinformation detection
- Evaluation strategies
- Fake news/review detection
- Harassment/bullying/hate speech
- Information polarization, echo chambers
- Propaganda identification/analysis
- Retrieval of truthful information
- Security, privacy, and misinformation
- Sentiment/emotional analysis
- Stance detection
- Trust and reputation
- Societal reaction to misinformation

Submissions

- Total number of submissions: 9
- Accepted submissions: 5
- Acceptance Rate: 55%
- Main topics: NLP and misinformation, IR and misinformation, Health misinformation
- Countries: Germany, Italy, Spain, Switzerland, The Netherlands, Turkey, USA

Schedule

Start - End Time	Speaker(s)	Area	Title
11:00 - 11:10	Marinella Petrocchi and Marco Viviani		<i>Morning Opening</i>
11:10 - 12:00	Udo Kruschwitz	Keynote Speech	A Multidisciplinary Approach to Tackling Online Misinformation
12:00 - 12:30	Hoai Nam Tran and Udo Kruschwitz	<i>NLP and Misinformation</i>	Towards Reducing Misinformation and Toxic Content Using Cross-Lingual Text Summarization (in presence)
<i>Lunch</i>			
14:00 - 14:10	Marinella Petrocchi and Marco Viviani		<i>Afternoon Opening</i>
14:10 - 15:00	Maria Maistro	Keynote Speech	Evaluating Misinformation: Accounting for Credible and Correct Information
<i>Coffee break</i>			
15:30 - 16:00	Monica Landoni, Emiliana Murgia, Theo Huibers and Maria Soledad Pera	<i>IR and Misinformation</i>	How does Information Pollution Challenge Children's Right to Information Access? (in presence)
16:00 - 16:30	Karen DiCicco, Nahiyen Bin Noor, Niloofar Yousefi, Billy Spann, and Nitin Agarwal	<i>Health Misinformation</i>	Toxicity and networks of COVID-19 discourse communities: A tale of two media platforms (in presence)
16:30 - 17:00	Marcos Fernández Pichel, Selina Meyer, Markus Bink, Alexander Frummet, David Losada and David Elsweiler	<i>Health Misinformation</i>	Improving the Reliability of Health Information Credibility Assessments (in presence)
17:00 - 17:30	Orkun Temiz and Tuğba Taşkaya Temizel	<i>Health Misinformation</i>	A Fact Extraction and Verification Framework for Social Media Posts on Covid-19 (online)
17:30 - 18:00	All		<i>Discussion and Closing</i>

Keynote Speakers

UDO KRUSCHWITZ

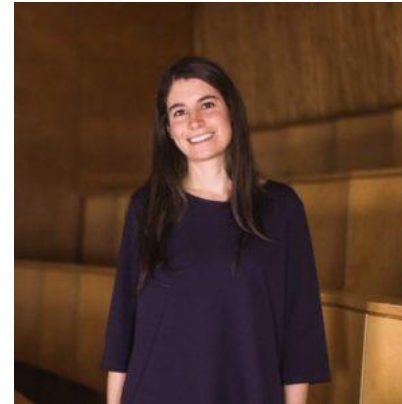
UNIVERSITÄT REGENSBURG



KEYNOTE SPEECH: A MULTIDISCIPLINARY
APPROACH TO TACKLING ONLINE
MISINFORMATION

MARIA MAISTRO

UNIVERSITY OF COPENHAGEN



KEYNOTE SPEECH: EVALUATING
MISINFORMATION - ACCOUNTING FOR
CREDIBLE AND CORRECT INFORMATION



Let the workshop
begin!

Further info:

<https://romcir.disco.unimib.it/>