ISCRAM 2022
Tarbes, France

TRACK: Reimagining ethical, legal, and social issues in a COVID era

https://iscram2022.enit.fr

INTRODUCTION TO THE TRACK

This track invites contributions that reimagine our understanding of ethical, legal, and social issues raised by the use of information and communication technologies in crisis response and management considering lessons and experiences from the COVID-19 pandemic.

The COVID-19 crisis has exposed the limits of current discourses around the benefits and harms of data and information technologies in crises. Practices throughout the COVID-19 pandemic revealed how hard it is to know when data is representative of a given community or crisis. These practices showed the challenges of clearly defining the boundaries of a crisis through data collected about it, models to forecast it, or what is visualized within a tool design, particularly when cascading and multi-disciplinary effects abound. They emphasized that the ethical and security discussions around data sharing do not go far enough, as, all too often, fears of stepping on the wrong side of the law stopped the flow of vital public health data between agencies and borders. They showed, despite a wealth of data and models, how hard risk communication is, and how easy it is to unintentionally stigmatise groups when trying to engage publics with diverse perceptions of risk. Even more, they made visible how many governments and local authorities still struggle to simultaneously address individual and collective goods.

We invite contributions on how crisis information technology, in the broadest sense, can address these tensions between utility, equity, responsibility, and accountability to ensure the protection of human rights, create positive societal impact, and mitigate harms for all communities and practitioners engaging crises and disasters

TRACK TOPICS

Some topics, among others, this panel considers are:

- What are current lessons about the ethical, legal, and societal implications of data gathering and sharing during COVID-19?
- What makes good evidence for crisis decision making and how do we design technology to support that?
- How do we communicate complex crisis information to diverse publics in ways that builds trust?
- How do we avoid and deal with misinterpretation of data?
- What make good practices in sharing public health or other crisis data?
- How should we archive and process data to evaluate longer term crisis needs, risks, and vulnerabilities?
- When should data about a crises or pandemic not be shared?
- How is it possible to use crisis information technology to assess local, regional, and national vulnerabilities, including disproportionate risks and impacts?
- How can information technology be used for public communication in a way that does not unintentionally lead to stigmatization of groups?
- How can we work with information technology to help keep visible those still suffering effects long after a crisis?
- How do we use data to remember and build lessons from what pandemic or crises support really needs?
- How can information technology support assessments of local ethical concerns (e.g., discrimination, bias) related to pandemic response?
- How to address unintentional bias in intelligent system design?
- What kind of knowledge should be included in a system for decision-making?
- What does privacy-by-design and/or ethics-by-design look like in this context?

We are currently exploring options where papers submitted to this track can potentially be published in a special issue to a reputable journal.

TRACK CO-CHAIRS

Katrina Petersen*

Katrina.Petersen@trilateralresearch.com

Trilateral Research, UK

Katrina Petersen, PhD, is an Associate Research Manager at Trilateral Research. She has been track co-chair for the ELSI track for the past few years and co-convener of an ELSI-based workshop at ISCRAM. She has expertise in conducting social and ethical impact assessments of new technological design for civil protection and disaster risk management, including in the current H2020 pandemic project STAMINA. She has published on the complex ethics of transboundary data sharing in disasters, communication implications of

	different styles of disaster mapping, and how participatory practices can help make ethical and societal challenges visible and actionable. She has experience working with a diverse set of academic and institutional partners from across Europe and the U.S., particularly in the context of disaster preparedness and response. Katrina will attend the conference and support panel activities
	Su Anson *Susan.Anson@trilateralresearch.com* Trilateral Research, UK Su Anson, PhD is a Senior Research Manager at Trilateral Research. She leads and contributes to projects and research related to disaster resilience, social media, and standardisation. Her areas of expertise include emergency preparedness, particularly public preparedness, communication, and qualitative research methods. Su has over ten years' experience of working on international research projects with key stakeholders, including: emergency management practitioners, government officials, the public, and humanitarian actors. She is currently research lead on the H2020 projects COVINFORM and RiskPACC.
	Diotima Bertel *Diotima.bertel@synyo.com* SYNYO GmbH, Austria Diotima Bertel, MA, is a Senior Researcher at SYNYO. In her research, she focuses on the intersection of science, society and technology, the social and societal impacts of technology, as well as the individual to societal, ethical to epistemological implications of technology. Furthermore, she researches misinformation and its distribution via different channels, including the two H2020 projects EUNOMIA and COVINFORM. Diotima will attend the conference and support panel activities.

Corresponding Chair