

TRACK: Digital Resilience

International Conference on Resilient Systems

ICRS 2026 Delft, the Netherlands, 23-25 March, 2026

INTRODUCTION TO THE TRACK

The so-called Digital Transformation of societies holds many promises. With regard to making cities, regions, and infrastructures more resilient, digital technologies can be a blessing or a curse: smart solutions and IT-based tools and processes can help in crisis prevention and management, but more high-tech also means more vulnerabilities, so that smart solutions may also degrade resilience.

The ICRS 2026 track on *Digital Resilience* invites submissions on approaches that seek to increase resilience via digital means (IT, AI and digital communication). Submissions should convincingly demonstrate that they act as a blessing rather than a curse in the above sense. The track is open to submissions regarding all phases of the resilience cycle and any relevant domain of public life as detailed in the (exemplary) topic list below.

TRACK TOPICS

Track relevant topics concern approaches based on AI, IT, or digital communication, regarding any or all phases of the resilience cycle ...

- prevention and planning
- crisis first-response and longer-term reaction
- restoration/improvement

... and any utility of public life, or threat to it, like ...

- water (supply, flood/inundation, draught ...)
- electricity (decentralization, control, ...)
- medical and food support/logistics
- natural hazards (earthquakes, tsunamis, ...)
- geopolitical disruptions, terrorist attacks, ...
- man-made disasters (from nuclear power or chemical plants, oil spill, ...)

and their interplay, be it positive (poly-network solutions) or negative (cascading effects).



Notably, resilience of digital infrastructures themselves (Software or Internet resilience, financial transactions, communication [satellite, 5G/6G, ...]), is particularly interesting!

TYPE OF CONTRIBUTIONS:

1. **Call for Extended Abstracts** (1.000 words) - see website for the template.
Including the possibility of submitting a Case Study - in this same template
2. **Call for Posters & Demonstrations** - see website for the template
3. **Call for Pitches** (500 words) - see website for the template
The pitches (5 min.) will serve as the starting point for round table discussions among stakeholders, policy makers, and researchers."

TRACK CHAIR AND CO-CHAIR

The track chairs have large experience with organizing whole conferences (Mensch und Computer 2022 with more than 600 participants), but also of tracks, e.g. on social media in crisis management (e.g. ISCRAM 2015-2025), human-machine interaction in safety-critical systems (Mensch und Computer 2015-2025), mobile resilience (MobileHCI 2020+2021).

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