

Communications Recovery and Resilience – Call for Papers

Submission deadline: 5 May 2020 Publication: November / December 2020, IT Professional

<https://www.computer.org/digital-library/magazines/it/call-for-papers-special-issue-on-communications-recovery-and-resilience>

Resiliency and recovery are timely topics in telecommunications. As societies rely on communication networks for critical services at an increasing rate, and technologies evolve based on the assumption of reliable services supported by reliable networks, extreme high reliability is necessary. Networks must therefore provide higher amounts of service at higher quality, all while being resilient and recovering swiftly. Cost constraints, new attack vectors, and network disasters all have to be addressed with resiliency and recovery mechanisms.



This special issue of IT Professional seeks to provide readers with an overview of current issues and advances in network resiliency and recovery. We seek high-quality contributions from industry, government, business, and academia that present recent developments in communication resiliency, showcase successfully deployed solutions, or discuss challenging issues that deserve further study. Topics of interest include, but are not limited to, the following:

- Network infrastructure
- Interoperability
- Planning and engineering
- Resiliency protocols
- Proactive maintenance
- Prognostic monitoring
- Emerging solutions and technologies
- Applications and use cases
- Optimal practices
- Security management
- Cloud systems recovery and DR
- Ad Hoc Communications
- Disaster communications
- Business Continuity Planning

Submissions

Feature articles should be no longer than 4,200 words and have no more than 20 references (with tables and figures counting as 300 words). Illustrations are welcome. For author guidelines, including sample articles, see <https://www.computer.org/publications/author-resources/peer-review/magazines>

Submit your article at <https://mc.manuscriptcentral.com/itpro-cs>. Submissions are subject to peer review on both technical merit and relevance to IT Pro's readership. Articles should be understandable by a broad audience of computer science and engineering professionals, avoiding a focus on theory, mathematics, jargon, and abstract concepts.

Questions?

Please direct any correspondence before submission to the guest editors at <mailto:it6-2020@computer.org>.

- Tim Weil, (SecurityFeeds LLC)
- Jason Rupe, (Cable Labs)
- John Callahan, (Veridiumid)
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