

Call for Papers for a Special Section on
Advances in Internet-Based Collaborative Technologies
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**ACM Transactions on
Internet Technology**

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Deadlines

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Submission

<http://toit.acm.org/submission.html>

Please select “Special Section:
*Advances in Internet-Based
Collaborative Technologies*” as
under Manuscript Type

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Individuals, organizations, and government agencies are increasingly relying on Internet-enabled collaboration between distributed teams of humans, computer applications, and autonomous entities such as robots to develop products and deliver services.

Technology trends in areas such as networking, data analytics, and distributed systems have significantly shifted the landscape of Internet based collaborative tools and services. This special section solicits papers describing *novel and innovative Internet-based collaborative technologies* that benefit from the emerging technologies. Indicative topics of interest for this special issue include, but are not limited to:

Emerging Technology Trend

- Sensor networks and collaborative edges
- Social computing, crowdsourcing, and citizen science
- Internet of Things
- DevOps & agile methodologies
- Autonomic computing
- Fog and edge computing

Issues and Challenges

- Security, privacy and trust
- Creation and deployment of mobile services
- Efficient and effective data-intensive computing
- QoS model and management
- Collaboration computing between human and machine
- Resilient and trustworthy Internet

Applications, Systems and Platforms

- E-Commerce
- Large scale systems for threat detection
- Internet-enabled large-scale collaborative services
- Context-aware infrastructure and platforms
- Location-aware mobile systems/applications
- Big Data analytics infrastructure and architecture

Initial submissions are limited to 20 pages and should comply with the ACM Transactions on Internet Technology policies. Authors can add a clearly marked appendix (no space limit) not counting towards the 20-pages limit. For accepted papers, the appendices will be available on the ACM digital library. Please refer to <http://toit.acm.org/authors.cfm> for complete formatting and submission instructions.