COMPUTER COMMUNICATIONS
The International Journal for the Computer and Telecommunications Industry

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DESCRIPTION

Computer and Communications networks are key infrastructures of the information society with high socio-economic value as they contribute to the correct operations of many critical services (from healthcare to finance and transportation). Internet is the core of today's computer-communication infrastructures. This has transformed the Internet, from a robust network for data transfer between computers, to a global, content-rich, communication and information system where contents are increasingly generated by the users, and distributed according to human social relations. Next-generation network technologies, architectures and protocols are therefore required to overcome the limitations of the legacy Internet and add new capabilities and services. The future Internet should be ubiquitous, secure, resilient, and closer to human communication paradigms.

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- Self organizing/autonomic networking
- Green networking
- Internet content search
- QoS and multimedia networking
- Opportunistic networking
- On-line social networks
- Internet of things
- Public safety communication networks
- Network applications (web, multimedia streaming, VoIP, gaming, etc.)
- Trust, security and privacy in computer and communication networks
- Modeling, measurement and simulation
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- Experimental test-beds and research platforms
- Algorithmic aspects of communication networks
- Network scaling and limits

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Computer Communications is a peer-reviewed international journal that provides engineers, researchers, consultants and systems managers in academia and industry with key papers on theory and developments in computer and telecommunications technology.

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