



**IEEE International Conference  
on Computer Communications  
1-4 May 2017 // Atlanta, GA, USA  
CALL FOR PAPERS**



**IEEE INFOCOM 2017 solicits research papers describing significant and innovative research contributions to the field of computer and data communications networks. We invite submissions on a wide range of research topics, spanning both theoretical and systems research. Topics include:**

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| <ul style="list-style-type: none"> <li>• Big data and data processing for networks</li> <li>• Cellular networks</li> <li>• Cloud computing</li> <li>• Cognitive radio networks</li> <li>• Cooperative networking</li> <li>• Cross-layer optimization and control</li> <li>• Crowdsourcing</li> <li>• Cyber-physical systems</li> <li>• Datacenter networking</li> <li>• Delay tolerant networks</li> <li>• Energy efficiency</li> <li>• Fault tolerance, reliability and survivability</li> <li>• Flow and congestion control</li> <li>• Game theory in networks</li> <li>• Information security and privacy</li> <li>• Information centric networking</li> <li>• Interference management and mitigation</li> <li>• Internet of Things</li> <li>• Localization and location-based services</li> <li>• Medium access control</li> <li>• MIMO-based networking</li> <li>• Mobile cloud computing</li> <li>• Mobility management and models</li> <li>• Multimedia networking</li> </ul> | <ul style="list-style-type: none"> <li>• Network calculus</li> <li>• Network coding</li> <li>• Network economics and pricing</li> <li>• Network management</li> <li>• Network measurement and analysis</li> <li>• Network security and privacy</li> <li>• Network virtualization</li> <li>• Optical networks</li> <li>• Overlay and peer-to-peer networks</li> <li>• Quality of Service and resource management</li> <li>• Router and switch design</li> <li>• Routing &amp; Multicast</li> <li>• Scaling laws and fundamental limits</li> <li>• Scheduling and buffer management</li> <li>• Smart antenna based networking</li> <li>• Smart grid</li> <li>• Smartphone and mobile applications</li> <li>• Social computing and networks</li> <li>• Software defined networking</li> <li>• Tactile Internet</li> <li>• Vehicular networks</li> <li>• Web applications and content distribution</li> <li>• WLAN, WPAN, RFID, and NFC</li> <li>• Wireless security and privacy</li> <li>• Wireless sensor networks</li> </ul> |
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Accepted and presented papers will be published in the IEEE INFOCOM 2017 Conference Proceedings and submitted to IEEE Xplore®. Full details of submission procedures and requirements for authors of accepted papers are available at <http://infocom2017.ieee-infocom.org>.

**Important Dates**

**Abstract Due:**  
Friday, 22 July 2016  
(11:59pm EDT)

**Full Paper Due:**  
Friday, 29 July 2016  
(11:59pm EDT)

**Notification of Acceptance:**  
Friday, 25 November 2016  
(11:59pm EDT)

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