

# ACM NanoCom 2015

2nd ACM International Conference on Nanoscale Computing and Communication  
Boston, Massachusetts, USA, September 21-22, 2015



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## Mission

Recent developments in nanotechnology have enabled the manufacturing of low-power and low-cost nanoscale machines, i.e., nanomachines, with basic sensing, actuating and computing capabilities. Due to their size and simple structure, nanomachines individually have limited functionality. However, when they start to communicate to each other and construct nanonetworks, they are expected to collaboratively achieve more complex tasks and promise new solutions for several applications in biomedical, industry and military fields. Traditional communications paradigms are not applicable due to the challenges posed by the physical laws governing this regime, and novel methods are required to realize nano networks.

The main goals of the 2nd ACM International Conference on Nanoscale Computing and Communication (ACM NanoCom 2015), are to increase the visibility of this growing research area to the wider communication research community as well as bring together researchers from diverse disciplines that can foster and develop new communications and computing paradigms for nanoscale devices. Due to this highly inter-disciplinary field of research, the conference aims to attract researchers and academics from various fields of study such as electrical and electronic engineering, computer science, biology, chemistry, physics, mathematics, bioengineering, biotechnology, materials science, nanotechnology, who have an interest in computing and communications at the nanoscale.

## News


- **July 10:** [Final Technical Program now available.](#)
- **July 6:** [Information to upload camera ready papers has been emailed to authors.](#)
- **June 15:** [Visa support information is now available](#)
- **March 8:** Best papers from ACM NanoCom 2015 will be recommended for fast track publication in ACM Journal on Emerging Technologies in Computing Systems and Elsevier Nano Communication Networks.
- **March 6:** [Submission deadline extended to March 31st.](#)
- **March 4:** ACM NanoCom receives silver sponsorship from H2020 CIRCLE: Coordinating European Research on Molecular Communications.
- **February 16:** [Keynote speakers announced!](#)
- **February 16:** [Paper submissions are now open!](#)
- **November 7:** ACM NanoCom'15 Website is up!


## Contact Us

- [Sasitharan Balasubramaniam](#)
- [Faramarz Fekri](#)






### Tweets by @ACMNanoCom

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 **Josep Miquel Jornet**  
@jmjornet

The first impact factor for Nano Communication Networks has just been released: 2.78!  
[@comp\\_science](http://goo.gl/rFmJlZ)

  14 Jun

 **ACM NanoCom**  
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Tutorial on "Devices and Components for Terahertz Signal Processing" by Prof. Daniel M...

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### NanoCom Conferences

- [2017 - Washington D.C., USA](#)
- [2016 - New York City, USA](#)
- [2014 - Atlanta, USA](#)



since August 29, 2013.

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