

# LCDNet 2013 Chairs' Welcome

It is our great pleasure to welcome you to the *2013 ACM MobiCom Workshop on Lowest Cost Denominator Networking – LCDNet 2013*.

Internet has crossed new frontiers with access getting faster and cheaper. The Internet Society's recent global Internet survey reveals that the Internet should be considered as a basic human birthright. On one end, we have the developed world where access is getting faster and services being developed to utilize faster access. On the other end, there are people who do not have access to the Internet at all. Some may not be able to get it due to lack of infrastructure support (which accounts to the notion of digital divide problem faced by most people in developed countries). There have been significant initiatives to solve the problem of affordable infrastructure. Crucially, most of these approaches address infrastructural barriers without addressing economic ones. Leaving connectivity for all to be governed by market economics is a major impediment to achieving the full benefits of the Internet, and that basic Internet access should be made freely available to all due to its societal benefits. The current Internet access model governed by market economics makes it practically infeasible for enabling universal access especially for those with socio-economic barriers.

There are both research and policy challenges to the realization of a future Internet capability that will offer appropriate access to all parts of society. The goal of the ACM LCDNet 2013 workshop is to address a range of research challenges (feasibility, scalability, security, new privacy challenges, robustness, resource allocation, sustainability, performance etc.) that are needed to overcome to enable universal Internet access.

The call for papers attracted several submissions on a wide range of networking topics. The papers were peer reviewed by a minimum of three reviewers and were extremely selective. The program committee finally accepted 9 papers (including posters). We hope that these proceedings will serve as a valuable reference for both academic and industry researchers.

We also encourage attendees to attend the keynote presentations. These valuable and insightful talks can and will guide us to a better understanding of the challenges in enabling Universal Internet access:

- The Challenge of Deployment, Prof Srinivasan Keshav (University of Waterloo, Canada)
- Nanosatellites for Universal Network Access, Scott Burleigh (JPL, NASA)

Putting together *LCDNet'13* was a team effort. We first thank the authors for providing the content of the program. We are grateful to the program committee who worked very hard in reviewing papers and providing feedback for authors. Finally, we thank the ACM MobiCom Chairs for accepting our workshop.

We hope that you will find this program interesting and thought-provoking and that the workshop will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.

<b>Arjuna Sathiseelan</b>	<b>Emmanuel Lochin</b>	<b>Jon Crowcroft</b>
<i>LCDNet'13 Chair</i>	<i>LCDNet'13 Co-Chair</i>	<i>LCDNet'13 Co-Chair</i>
<i>University of Cambridge</i>	<i>ISAE</i>	<i>University of Cambridge</i>