

# IEEE ANTS 2012

16 - 19 DECEMBER 2012  
BANGALORE, INDIA

6th IEEE INTERNATIONAL CONFERENCE  
ON ADVANCED NETWORKS  
& TELECOMMUNICATIONS SYSTEMS



## ADVANCED NETWORKS & TELECOMMUNICATIONS SYSTEMS

Sponsored by



### DAY 1 | Sunday, December 16, 2012

9:00 am to 5:00 pm	Registration	
9:30 am to 12:30 pm	Tutorial 1: Data Center Networking by M. Veeraraghavan and J. Muppala	Tutorial 2: Optical Networking and the Future Internet by B. Ramamurthy
Lunch Break (1 hour)		
2:00 to 5:00 pm	Tutorial 3: Next Generation Mobile Backhaul by D. Kataria	Tutorial 4: Redefining the Data Center Network with Software Defined Networking by V. Mann and A. Vishnoi

### DAY 2 | Monday, December 17, 2012

9:00 am to 5:00 pm	Registration	
9:00 to 9:15 am	Opening Ceremony & Welcome Message	
9:15 to 10:00 am	Keynote 1: Rakesh Kumar Upadhyay, BSNL	Session Chair: Sanjay Nayak
Coffee Break (15 minutes)		
Session 1 (Session chair: Byrav Ramamurthy)		
10:15 to 10:45 am	Invited Talk 1: Bhabani Prasad Sinha, Indian Statistical Institute	
10:45 to 11:15 am	Invited Talk 2: Subrat Kar, Indian Institute of Technology, Delhi	
11:30 am to 12:30 pm	Technical Papers:	Technical Paper 1
		Technical Paper 2
		Technical Paper 3

Lunch Hour ( 1hour)

## Session 2 (Session chair: Bhabani Prasad Sinha)

1:30 to 2:00 pm	Invited Talk 3: Malathi Veeraraghavan, University of Virginia
2:00 to 2:30 pm	Invited Talk 4: Raj Jain, Washington University, St. Louis
2:30 to 3:00 pm	Invited Talk 5: B. S. Manoj, IIST, Thiruvananthapuram
3:00 to 3:30 pm	Invited Talk 6: Huzur Saran, IIT, Delhi

## Coffee Break (15 minutes)

3:45 to 5:15 pm	Panel Session 1 (90 minutes): Green Networks
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## Session 3 (Session chair: Subrat Kar)

5:15 to 5:45 pm	Invited Talk 3: Salil Kanhere, Univ. of New South Wales (NICTA)	
5:45 to 7:05 pm	Technical Papers:	
	Technical Paper 4	Technical Paper 6
	Technical Paper 5	Technical Paper 7
7:15 pm onwards	Banquet	

## DAY 3 | Tuesday, December 18, 2012

9:00 am to 5:00 pm	Registration	
9:00 to 9:45 am	Keynote 2: Jagbir Singh, Bharti Airtel	Session Chair: Deepak Kataria
9:45 to 10:30 am	Keynote 3: S. V. Raghavan, National Knowledge Network	

## Coffee Break (15 minutes)

## Session 4 (Session Chair: Krishna Sivalingam)

10:45 to 11:15 am	Invited Talk 7: Seshadri Mohan, University of Arkansas at Little Rock	
11:15 to 11:45 am	Invited Talk 8: Nalini Venkatasubramanian, University of California, Irvine	
11:45 am to 12:45 pm	Technical Papers:	
	Track 1 (Session Chair: Krishna Sivalingam)	Track 2 (Session Chair: Debasish Datta)
	Technical Paper 8	Technical Paper 11
	Technical Paper 9	Technical Paper 12
	Technical Paper 10	Technical Paper 13

**Lunch Hour (1 hour)**

**Session 5 (Session Chair: Deepak kataria)**

1:45 to 2:30 pm	Invited talk 9: Sudhir Dixit, Director, HP
2:30 to 3:00 pm	Industry Invited Talk 10: Cisco
3:00 to 3:30 pm	Industry Invited Talk 11: Venkat Padmanabhan, Microsoft Research India

**Coffee Break (15 minutes)**

3:45 to 5:15 pm	Panel Session 2 (90 minutes): Carrier Cloud Services
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**Session 6 (Session Chair: Magda El Zarki)**

5:15 to 5:45 pm	Invited talk 12: Sharad Mehrotra, University of California, Irvine
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05:45 to 06:45 pm	Technical Papers:	
	Track 1 (Session Chair: Magda El Zarki)	Track 2 (Session Chair: Goutam Das)
	Technical Paper 14	Technical Paper 17
	Technical Paper 15	Technical Paper 18
	Technical Paper 16	Technical Paper 19

7:00 pm onwards	Banquet & Cultural Program
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**DAY 4 | Wednesday, December 19, 2012**

9:00 am to 5:00 pm	Registration	
9:00 to 09:45 am	Keynote 4: Kumar N. Sivarajan, Tejas Networks	Session Chair: Biswanath Mukherjee

**Coffee Break (15 minutes)**

**Session 7 (Session Chair: Seshadri Mohan)**

10:00 to 10:30 am	Invited Talk13: Abhay Karandikar, IIT, Mumbai
10:30 to 11:00 am	Invited Talk 14: D. Manjunath, IIT, Mumbai
11:00 to 11:30 am	Invited Talk 15: Prabhakar Venkata, Indian Institute of Science
11:30 am to 12:30 pm	Poster Session

**Lunch Hour**

### Session 8 (Session Chair: Sanjay Nayak)

1:30 to 2:15 pm	Invited Talk 16: Dimitri Staessens, University of Ghent
2:15 to 3:00 pm	Industry Invited Talk 17: Venkatesh Krishnaswamy, Avaya
3:00 to 3:30 pm	Industry Invited Talk 18: C.S.Rao, Reliance Communications
3:30 to 4:00 pm	Industry Invited Talk 19: Mohit Jain, IBM Research Labs Bangalore

### Coffee Break (15 minutes)

4:15 to 5:45 pm	Panel Session 3 (90 minutes): Fostering Innovation Economy in India
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### Session 9 (Session Chair: Abhay Karandikar)

Technical Papers: 5:45 to 6:45 pm	Technical Papers:
	Technical Paper 20
	Technical Paper 21
	Technical Paper 22
6:45 pm	Closing Ceremony

