



Venue: Centre for Technology and Engineering Applications,
L&T Madh Campus



Seminar Hall, Centre for Technology and Engineering Applications



NATIONAL CONFERENCE
on
**Wireless Communication
and Networking**

Date: 9th & 10th January 2009

Organized by
L&T Institute of Technology, Mumbai.

Sponsored by



L&T, Mumbai

Phone: (022) 67052866, 67053073

Website: www.ltinstitute.com

Email ID : Nationalconference@powai.ltindia.com

Call for Papers

National Conference on Wireless Communication and Networking

Introduction

Over the past decade, the world has witnessed an explosion in the development and deployment of new wireless network technologies. From cellular mobile telephony to the ubiquitous WiFi networks in coffee-shops and airports, the list of wireless access systems has become so comprehensive that wire-line access to user devices may soon become a relic of the past. Wireless Networking serves as a one-stop view of cellular, WiFi networks, as well as the emerging wireless ad hoc and sensor networks. Wireless Networking is an in-depth, exhaustive, and invaluable asset to anyone working in this rapidly evolving field.

Objectives

The objective of this conference is to provide a platform for researchers and technologists to present new ideas and contributions in the form of technical papers, panel discussions as well as test-bed implementations and real-world evaluation of many ideas in wireless communications. To ensure complete coverage of advances in wireless communication and networking technologies for the current and future systems, the wireless communications & networking conference seeks original contributions.

Date & Venue

The conference will be held on Friday 9th & Saturday 10th January 2009 at Centre for Technology and Engineering Applications, (C-TEA), L&T, Mumbai.

About the Institute

L&T Institute of Technology was set up in 1983 by Larsen & Toubro Limited to impart need based and application oriented technical education. In the last twenty five years, the Institute has emerged as a recognized centre of excellence in the field of technical education. The Institute is recognized by the All India Council for Technical Education (AICTE) for Diploma Courses in Engineering. The government of Maharashtra took due note of the excellent facilities at the Institute and has rated it as an 'A' Grade Institute.

Call for Papers

Technical papers on original research work are invited. Authors are requested to submit an abstract not exceeding 500 words by electronic mail before 1st Sept 2008. The abstract should include Title, Author's name, Affiliation, Mailing address & keywords. The text should be single spaced, justified in Times New Roman character (12 point size), single column & 16cm wide. In case of multiple authors, please indicate the person to whom correspondence is to be made. The necessary guidelines for preparing the full length paper will be given along with the acceptance letter.

Conference Topics

A special publication containing the keynote address, plenary lectures and all accepted contributed papers (Oral) will be published. Abstracts of the poster presentation will also be included in the publication.

Technical Exhibition

A technical/poster exhibition based on the conference theme is an integral part of the program. It offers a golden opportunity for the industries to exhibit their products/equipments and advertise the capabilities to a wide cross-section of wireless community.

Protocols

- ZigBee,
- Bluetooth
- Wi-Fi
- ISA SP100
- Ultrawideband
- 6LoWPAN
- Wireless USB
- Wireless LAN
- Wireless HART
- LR-WPAN
- RFID
- WiMax
- HSDP

Applications

- Building Automation
- Industrial Control
- Consumer Electronics
- PC & Peripherals
- Personal Health Care
- Commercial Control (SCM,SCADA,AMR)

Wireless communication Environment

- Reliable wireless network for industrial system.
- Interference & security considerations
- Wireless communication in fading environment.
- Wireless communication in profinet environment.
- Challenges in Indoor and Outdoor propagation.
- Security in wireless communications.
- Wireless sensor network for Automatic meter reading.
- Residential wireless sensor network.

Individual Product

- RF Communication Module
- Temperature module
- Smart card Module
- Ethernet Module
- Meters
- Medical Electronics
- Smart Building

* Relevant topics for the conference include the above (but are not limited to)

Registration Details :

The details of registration fees are given below :

Before 1st Oct 2008	Rupees
Delegates (including authors) /IEEE / IETE / ISTE	700/-
Delegates from industries	900/-
Students	450/-
After 1st Oct 2008	Rupees
Delegates (including authors) / IEEE / IETE / ISTE	750/-
Delegates from industries	1000/-
Students	500/-

If team size is more than four, please contact for concession.

The payment should be made in the form of cash/ DD/ Pay order of a nationalized bank drawn in favour of "Larsen & Toubro Ltd. - LTIT", payable at Mumbai.

Important Dates :

Last date for Submission of Abstract : September 1, 2008
 Notification of Acceptance : September 15, 2008
 Last Date for Submission of Full length Paper : October 31, 2008

Date of Conference 9th &10th January 2009.

Address for Correspondence :

L&T Institute of Technology
 PO.Box -8975
 Saki-Vihar Road, Powai,
 Mumbai - 400 072.
 Phone : (022) 67052866, 67053073
 Website : www.ltinstitute.com
 E-Mail ID : nationalconference@powai.ltindia.com

Mention "National Conference" on envelope.

Accommodation

Accommodation can be arranged for outstation participants on request.

The type of accommodation and the payment procedure can be worked out as per the specific needs of the participant.

Advisory Board

- Dr. U.B. Desai** : Professor-IIT, Chairman- IEEE, Bombay Section.
- Dr.N.M.Kondap** : Vice Chancellor, NMIMS University, Mumbai.
- Dr. H. Krishnamurthy** : Principal, Research Scientist, IISC, Bangalore.
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Pt. R. S. University, Raipur.
- B.A.Damahe** : Principal,
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Convener

Ms. S. Vazirani

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Co-convener

Mrs. Olive Jesudas

Email ID : olive-j@powai.itindia.com

NATIONAL CONFERENCE

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Wireless Communication and Networking

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Registration form

Name : _____

Designation : _____ Experience : _____ Years

Industry/Institute/University : _____

Area of Specialization : _____

Address for correspondence : _____

City : _____ State : _____

Pin Code : _____

Phone : _____ Mobile : _____

E-mail: _____

Participation Details :

Participating / Presenting a paper : _____

Title of paper : _____

Registration Details :

Amount : _____ Cash/DD/Pay Order : _____

DD No : _____ Dt : _____

(Drawn in favour of "Larsen & Toubro Ltd - LTIT", payable at Mumbai.)

Accommodation Required: Yes / No

Date : _____ **Signature of the Applicant**

(Note: Photocopy of this form can be used)

Can also be downloaded from website - www.itinstitute.com