

Co-sponsorship

- Organizations can sponsor the conference by contributing Rs.10, 000/-. Such sponsoring organizations will be eligible for sending three delegates free. In addition, time slot will be provided to demonstrate their products and advertisement through banners and will be accommodated in the venue.

Important Dates

- Workshop and Tutorial proposals due : October 31, 2009
- Paper submission deadline : September 30, 2009
- Notification of acceptance : October 31, 2009
- Early registration deadline : November 15, 2009
- Camera-ready versions due : November 15, 2009
- The Conference : January 28-29, 2010

Registration Details

Participants are requested to send the duly filled registration form along with Demand Draft in favor of 'Velammal Engineering College' payable at Chennai. Kindly visit www.tifac.velammal.org for further details and to download registration form.

The registration fee is as follows

Industry Delegates Rs. 1500/-
Academic Staff/R&D Personnel Rs. 1000/-
Students Rs 750/-

The registration fee includes conference materials and working period lunch. Accommodation is available to a limited number of participants on request and extra payment of Rs 100/- per day. There are numbers of budgetary lodging/boarding facilities are available in Chennai and most importantly the participants make sure their accommodation prior to the conference. However, arrangements will be made on request.

Address for Communication

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Conference Convener
Dr. A. Balaji Ganesh

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Conference on Mobile and Pervasive Computing

CoMPC-10

28-29' January 2010



Velammal
Engineering College

(An ISO 9001:2000 Certified & Accredited Institution)



TIFAC-CORE in
Pervasive Computing
Technologies

Conference on
**Mobile and Pervasive Computing
(CoMPC-10)**

Introduction

The Second National Conference on Mobile and Pervasive Computing will be held during January 28-29' 2010 at TIFAC-CORE, Velammal Engineering College, Chennai-66, Established in the year 1995-96, to impart quality education. It is one of the top ranking engineering colleges for Engineering and Technology Education in India. It is a self financing non-minority institution, affiliated to Anna University and approved by All India Council for Technical Education (AICTE). All the approved courses are accredited by National Board of Accreditation (NBA) of AICTE.

The TIFAC-CORE in Pervasive Computing Technology is commenced in 2005, which has the vision to establish a Centre of Relevance and Excellence in Pervasive Computing Technology, impart quality education, foster research to help industries to adopt the pervasive computing technology, thereby focus on applications of social relevance for the uplift of the nation and thus bridge the digital divide.

Scope

The knowledge in Pervasive Computing force user to live beyond desktop model, classified as post-desktop model of human-computer interaction in which information processing has been assimilated into day by day objects and activities. This paradigm is also described as ubiquitous computing, ambient intelligence, and every-ware. When primarily concerning the objects involved, it is also physical computing, the Internet of Things, and things that think. The models share a vision of small, inexpensive, robust networked processing devices, distributed at all scales throughout everyday life and generally turned to distinctly common-place ends.

The success of first conference on Mobile and Pervasive Computing (CoMPC-08) necessitate us to conduct a conference on this area of research every year. Kindly visit the web page <http://tifac.velammal.org/CoMPC/index.htm> to get glimpse of information about the proceedings (ISBN: 978-81-8424-357-4) that we published out of the earlier conference.

Theme

The conference would focus on the challenges and issues to design and to build the new spectrum of human-computer interfaces prevalent in Mobile, Ubiquitous & Pervasive Computing. The main aim of this conference is to bring experts, researchers, faculty and students together to discuss about the technological advancements.

The Program

Day 1
Workshops, Keynote Address and Paper Presentations.

Day 2
Keynote Address, Paper Presentations and Panel Discussions.

Topics of Interest

The technical sessions of the conference will consist of original papers reporting on theoretical and experimental research, development etc., Original contributions are solicited in all pervasive computing & services research and applications. Contributions of original articles on industrial applications of pervasive computing are also invited.

The topics of interest and are not limited to,

- Pervasive/Ubiquitous computing and communications architectures and protocols
- Autonomic computing and communications
- Mobile computing systems and services
- Ambient, invisible, implicit, and adaptive computing
- Mobile grid and peer-to-peer computing
- Algorithmic paradigms, models and analysis of pervasive computing systems
- Smart spaces and intelligent environments
- Enabling technologies (e.g., Bluetooth, BANs, PANs, 802.11 wireless LANs)
- Embedded systems and wearable computers
- Smart Sensors and Systems
- Wireless sensors networks and RFID technologies
- Virtual immersion communications
- Multiple inter-connected networking technologies (e.g., cellular, ad hoc, hybrid)
- Positioning and tracking technologies
- Auto-configuration and authentication
- Context-aware computing and location-based services and applications
- Service creation, discovery, management, and delivery mechanisms
- Middleware and agent technologies
- Application layer protocols and services
- Programming paradigms for pervasive and ubiquitous computing applications
- User interfaces and interaction models
- Runtime support for intelligent, adaptive agents
- (Innovative) applications requirements, performance, and benchmarking
- Security, privacy, fault-tolerance and resiliency issues
- Energy efficient algorithms

Submission Guidelines and Proceedings

CoMPC'10 invites authors to submit original and unpublished work. A template in MSWORD exemplifying the required format is available in www.velammal.org. The manuscript must be limited to 4 pages (in case of absolute necessity page limitation may be relaxed) of A4 sized (210 mm x 297 mm) (IEEE Double Column format). The manuscript has to be in DOC format with a size limit of 1.5 MB including figures and tables. The manuscript should be typed in Times New Roman. The font sizes of different portions of the manuscript are:

Title of the paper in 16-point bold
Author name and affiliation in 12-point
Main body of the paper in 11-point
Section title in 12-point bold
Subsection title in 11-point bold
References in 10-point

Complete information including all authors, source titles, vol. no., issue no., year, page particulars of the cited references should be provided. All figures must have a caption underneath explaining the figure sufficiently.

All submitted papers will undergo a review process managed by technical program committee. Submission implies the willingness of at least one of the authors to register and present the paper. The full manuscript may be submitted as an attachment to the mail ids, compc10@gmail.com and/or vectifac@yahoo.com. The authors are requested to submit their manuscript in editable format (DOC) and not in PDF format also **the manuscripts should reach within prompted paper submission deadline**. It will enable us to bring out the proceedings with ISBN number in time.

Technical Papers will be included in the Conference Proceedings with ISBN and unique barcode published and distributed during the conference. The proceedings will also be made available through the digital library. The Adjunct Proceedings will also be published electronically on the conference Web server.

The revised version of all accepted eventually presented papers may also be appeared in the issues of 'International Journal of Mobile and Pervasive Computing' to be pioneered by TIFAC-CORE in Pervasive Computing Technologies at Velammal Engineering College, Chennai.

Tutorial and workshop proposals are solicited. Further information can be obtained by contacting the organizing secretary.