

ICST'12

6th International Conference on Sensing Technology

Special focus on Sensors for Agriculture and Environmental Monitoring

Dec.18 – Dec.21, 2012, Kolkata, India

Call for Papers

International Advisory Committee

S. Ueno, KU, Japan
E. Petriu, UO, Canada
M. Seigel, CMU, USA
H. Saha, BESU, India
A. Madni, BEI, US

General Co-Chairs

N. Bhattacharyya, CDAC, Kolkata, India
S. Mukhopadhyay, MU, NZ

Technical Program Co-Chairs

A. Mason, LJMU, UK
K.P. Jayasundera, MU, NZ
A. Nath, C-DAC, India

Regional Programme Chairs

America: G. Chattopadhyay, JPL, USA
Europe: I. Matias, PUN, Spain
Middle-East: C. Gooneratne, KAUST
Asia: R. Huang, NCKU, Taiwan

Publicity Chair

K. Kuo, IIR, Taiwan

Webmaster

L.M. Dunn, MU, NZ

International Programme Committee

A. Cusano, US, Italy
C. Reig, UV, Spain
D. Bailey, MU, NZ
N.K.Chen, NUU, Taiwan
B. George, IITM, India
S. Yamada, KU, Japan
I. Marinova, TUS, Bulgaria
MT. Shyamsunder, GEITC, India
S. Arana, CEIT, Spain
A. Garcia-Valenzuela, UNAM, Mexico
P. Dudek, Univ. of Manchester, UK
M. Giordano, INRC, Italy
E. Lewis, Uni. Of Limerick, Ireland
C. Alippi, PM, Italy
H. Wakiwaka, SU, Japan
M. Haji-Sheikh, UNI, USA
K. Chomsuwan, KMUT, Thailand
C.H.Chuang, STU, Taiwan
D. Grimaldi, Unical, Italy
K. Rajanna, IISc, India
A. Bermak, HKUST, HK
A. Trotta, Poliba, IT
H. Leung, UC, Canada
D. Watzenig, VIF, Graz, Austria
K. Thakur, GR, NZ
O. Kanoun, Chemnitz Univ., Germany
A. Flammini, UniBS, Italy
H. Zangl, TUG, Austria
M. Nadi, U de Lorraine, France
G. Gouws, VUW, NZ
T. Bosch, TU, France
K. Tashiro, SU, Japan
G. Jain, KTHM College, Nashik, India
Y. Sam, UTM, Malaysia
K.C.Tan, NUS, Singapore
L. Carter, UoA, NZ
P. Dudek, Univ. of Manchester, UK
B. Afsari, UMD, USA
H. Muraoka, Tohoku Uni, Japan
P. Wu, NCTU, Taiwan
A. Punchihewa, MU, NZ
I. Woodhead, LT, NZ
I. Ihara, NUT, Japan
A. Nafalski, UNISA, Australia
E. Hill, Manchester Uni, UK
I. Tuleasca, OP, NZ
I. Al-Bahadly, MU, NZ
V.J. Kumar, IITM, India
S. Ikezawa, WU, Japan
H. Ewald, U Rostock, Germany
T. Sun, CU London, UK
J.A. Jiang, NTU, Taiwan
A. Fuchs, GUT, Austria
T. Azuma, UU, Japan
V. Groza, UO, Canada
O. Postalache, Portugal
I. Platt, LT, NZ

and more.....

CDAC, Kolkata, India along with Massey University, New Zealand is pleased to announce that the 6th International Conference on Sensing Technology (ICST 2012) will be held on December 18 to 21, 2012 at Kolkata, India.

ICST 2012 is intended to provide a common forum for researchers, scientists, engineers and practitioners throughout the world to present their latest research findings, ideas, developments and applications in the area of sensing technology. ICST 2012 will include keynote addresses by eminent scientists as well as special, regular and poster sessions. All papers will be peer reviewed on the basis of a full length manuscript and acceptance will be based on quality, originality and relevance. Accepted papers will be published in the conference proceedings. Topics will include, but are not limited to, the following:

1. Vision Sensing
2. Sensors Signal Processing
3. Sensors and Actuators
4. Sensors Phenomena and Modelling
5. Sensors Characterization
6. Smart Sensors and Sensor Fusion
7. Electromagnetic Sensors
8. Chemical and Gas Sensors
9. Physical Sensors
10. Electronic Nose Technology
11. Biological Sensors
12. Electro-optic Sensors and Systems
13. Mechanical sensors (inertial, pressure, and tactile)
14. Nano Sensors
15. Acoustic, Noise and Vibration Sensors
16. Wireless Sensors
17. Optical Sensors (radiation sensors, optoelectronic/photonic sensors, and fibres)
18. Lab-on chip
19. Sensor Arrays
20. Intelligent sensing
21. Telemetry
22. Online monitoring
23. Applications of Sensors (automotive, medical, environmental monitoring, consumer, alarm and security, military, nautical, aeronautical and space sensor systems, robotics, and automation)
24. Solid State Sensors
25. Internet-based and other Remote Data Acquisition

Paper Submission

Authors are invited to submit the full manuscript (4 to 6 pages including references) of their technical paper, for oral or poster presentation. Papers in pdf format may be uploaded via the web using EDAS paper management system at www.edas.info.

The MS Word and pdf template will be available on the conference website. Final manuscripts are limited to six (6) A4 size pages.

In submitting a paper, the author(s) agree that, upon acceptance, they will prepare the final manuscript in time for inclusion in the published proceedings and will present the paper at the conference. The final manuscript will not be published without advance registration.

Special Sessions

ICST 2012 solicits special session proposals. The special sessions are intended to stimulate in-depth discussions in special areas relevant to the conference theme. The session organizers will coordinate the review process for their session papers. The conference proceedings will include all papers from the special sessions. **Authors contributing to special sessions are required to register for the conference.** Please contact the general chair if you would like to organize a special session.

Post-publications

Selected papers will be published in a special issue of a reputed international journal as well as in a special edited book from a reputed publisher.

For further details, please contact:

Nabarun Bhattacharya nabarun.bhattacharya@cdackolkata.in
Subhas Mukhopadhyay S.C.Mukhopadhyay@massey.ac.nz

Web site: <http://seat.massey.ac.nz/conferences/icst2012/>

Organized by CDAC, Kolkata, India and
Massey University, New Zealand

Manuscript Submission	30 th July 2012
Acceptance Notification	15 th September 2012
Camera Ready Submission	30 th October 2012
Advance Registration	30 th October 2012