



Symposium Chairs:

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Daniel T. H. Lai, *Victoria University, Australia* (daniel.lai@vu.edu.au)

Program Committee:

Ahsan Khandoker, *U Melb, Australia*

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Chris Nugent, *U Ulster, UK*

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David Rouffet, *Victoria U, Australia*

Dinesh Kumar, *RMIT, Australia*

Keith Hill, *LaTrobe U, Australia*

Levin Kuhlmann, *U Melb, Australia*

Meg Morris, *U Melb, Australia*

Markad Kamath, *U McMaster, Canada*

Marcus Pandy, *U Melb, Australia*

Mihai Marin-Perianu, *U Twente, Netherlands*

Marimuthu Palaniswami, *U Melb, Australia*

Nigel Lovell, *UNSW, Australia*

Pazit Levinger, *Latrobe U, Australia*

Ramaswamy Palaniappan, *U Essex, UK*

Raluca Marin-Perianu, *U Twente, Netherlands*

Simon Taylor, *Victoria U, Australia*

Slaven Marusic, *U Melb, Australia*

Tharshan Vaithianathan, *U Melb, Australia*

Tony Sparrow, *Victoria U, Australia*

Toshio Moritani, *Kyoto U, Japan*

Toshio Tsuji, *Hiroshima U, Japan*

Yanchun Zhang, *Victoria U, Australia*

The symposium on “Sensor Technologies and Information Processing in Healthcare” will be held in conjunction with the 5th International Conference on Intelligent Sensors, Sensor Networks and Information Processing - 2009 (ISSNIP 2009), Melbourne, Australia during December 14-17, 2009. The symposium will focus specifically on sensors, signal processing and smart systems for healthcare applications ranging from biomedical diagnostics to online patient monitoring.

The convergence of biomedical sensors, sensor networks and information processing creates exciting opportunities for solving a variety of complex problems in healthcare. Healthcare sensor networks are an emerging paradigm consisting of body sensor networks and in-situ monitoring sensors. The program committee is soliciting papers in the following (but not limited) areas, intelligent signal processing algorithms, healthcare sensor network architectures including body sensor networks, intelligent sensors and algorithms for monitoring human health and locomotion, security and privacy issues and real-world user applications.

The following special sessions have also been planned for the symposium:

Special Session I: Signal processing and computational intelligence techniques for healthcare sensor networks (session chair: Daniel Lai)

Special Session II: Mobile computing and healthcare monitoring for rural communities (session chair: Ahsan Khandoker)

Special Session III: Commercial based sensing for healthcare applications (session chairs: Mihai and Raluca Marin-Perianu)

Special Session IV: Biosensors and nanotechnology for healthcare sensor networks (session chair: to be advised)

Paper length should be 4-6 pages of A4 size and follow the conference format which can be found at (www.issnip.org). All papers are to be submitted via the online submission system at www.issnip.org and will undergo blind peer-review prior to acceptance.

Conference Dates: December 7-10, 2009

Submission Deadline: June 30, 2009

Notification of acceptance: August 15, 2009

Camera ready manuscript: August 31, 2009