

# ICSEng08

Abstracts due:

**March 16, 2008**

Notification of acceptance:

**April 10, 2008**

Camera-ready papers:

**June 6, 2008**

## General Chair

H. Selvaraj, UNLV, USA

## Organizing Committee

V. Muthukumar, UNLV, USA

E. Regentova, UNLV, USA

P. Stubberud, UNLV, USA

D. Zydek, UNLV, USA

## Program Committee:

A. V. Balakrishnan, *UCLS, USA*

W. N. Burkov, *RAS, Russia*

H. S. Cho, *Korean AIST, Korea*

A. K. Datta, *UNLV, USA*

T. F. Gonzalez, *UCSB, USA*

G. Guardabassi, *Polit di Milano, Italy*

A. Gunasekaran, *Uni. of Mass., USA*

L. Hsu, *Uni. Fed. do Rio de Jan., Brazil*

P. Kachroo, *UNLV, USA*

T. Luba, *WUT, Poland*

H. Migliore, *PSU, USA*

V. Muthukumar, *UNLV, USA*

M. Rawski, *WUT, Poland*

E. Regentova, *UNLV, USA*

H. Selvaraj, *UNLV, USA*

S. Singh, *UNLV, USA*

H. Sorenson, *UCSD, USA*

P. Stubberud, *UNLV, USA*

S. Stubberud, *Boeing, USA*

M. Sugisaka, *Dita Uni., Japan*

M. Thoma, *Uni. of Hannover, Germany*

R. Vallee, *Uni. Paris-Nord, France*

R. Venkat, *UNLV, USA*

L. Wang, *HIT, China*

W. R. Wells, *UNLV, USA*

## STEERING COMMITTEE:

W. R. Wells (Chair), *UNLV, USA*

H. Selvaraj, *UNLV, USA*

A. Grzech, *WUT, Poland*

J. Swiatek, *WUT, Poland*

D. J. G. James, *Coventry Uni., UK*

K. J. Burnham, *Coventry Uni., UK*

# NINETEENTH INTERNATIONAL CONFERENCE ON SYSTEMS ENGINEERING



**LAS VEGAS, USA, AUGUST 19-21, 2008**

<http://www.icseng.info/>

This series of International Conferences is jointly organized on a rotational basis among three institutions, University of Nevada, Las Vegas, USA, Technical University of Wroclaw, Poland, and Coventry University, UK. In August 2008, the 19th International Conference on Systems Engineering will be held in Las Vegas, NV, at the University of Nevada, Las Vegas, USA.

## Scope of Conference:

The Conference will cover the general area of Systems Engineering, with particular emphasis being placed on applications. It is expected to include sessions on the following themes:

- Aero-Space Systems (Avionics, Unmanned Aerial Vehicles, Aviation Control)
- General Control Systems (Control Theory, System Identification and Adaptive Control, Nonlinear Controls, Applications)
- Power Systems (Environmental Systems, Energy Systems, Renewable Energy, Nuclear Energy)
- Intelligent Systems (Expert Systems, Artificial Intelligence, Neural Network, Fuzzy, Hybrid Systems, Applications)
- Industrial Automation and Robotics
- Information and Communication Systems (Information and Communication Theory, Geographic Information Systems, Global Position Systems, Applications)
- Distributed Computer and Computer Networks Systems (Modeling and Analysis, Distributed and Wireless Systems, Distributed Servers, Parallel and Distributed Systems, Networks)
- Analog and Digital Hardware Systems (Real-time Systems, Embedded Systems, Hybrid Embedded Systems, Mixed Signal Designs, Multi-media Systems)
- Gaming and Entertainment Systems (Technology, Security, Design, Tools)
- Biometrics System (sensors, integration, data analysis, verification techniques)
- Bio-surveillance Systems (heterogeneous data sources, monitoring techniques, signal detection algorithms, privacy protection)
- Photonics and Lighting Systems
- System Engineering Standards, Modeling, Paradigms, Metrics, Testing, Management, Optimization, Simulation, Scheduling, Reliability and Fault Tolerant
- Computer Assisted Medical Diagnostic Systems (single and multiple modality medical data analysis, expert systems, prompting systems, databases, performance evaluation)

## Special Sessions:

SS1: Transportronics Engineering

SS2: Photonic Display and Lighting Engineering

SS3: Entertainment Engineering

SS4: Computer Assisted Medical Diagnostic Systems

## Submissions:

We invite you to submit a two page abstract for the purpose of reviewing by February 18, 2008. Accepted authors will be invited to submit a full paper (6 pages maximum limit) for presentation. All abstracts are to be submitted in PDF format electronically to at <http://www.confman.org/icseng08/submission>. Hard copies should be sent only if electronic submission is not possible. Please follow the ICSEng'08 guidelines for more information on submission. Submission implies the willingness of at least one of the authors to register and present the paper. All abstracts will be peer reviewed by two independent referees of the International Program Committee of ICSEng'08. The proceedings will be published by IEEE CS.

## Contact:

Conference Secretary, ICSEng-2008  
Howard R. Hughes College of Engineering  
University of Nevada Las Vegas  
Las Vegas, NV 89154-4026, USA

Phone: (702) 895 4184  
FAX: (702) 895 1115  
email: [secretary@icseng.info](mailto:secretary@icseng.info)  
URL: <http://www.icseng.info/>