



# CISIM 2011

*10<sup>th</sup> International Conference on Computer Information Systems & Industrial Management Applications*

THEME: AGENT BASED COMPUTING AND ITS APPLICATIONS

<http://www.cisim.cucse.org>

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*Organized by:*

Department of Computer Science & Engineering  
University of Calcutta  
Kolkata, India, December 14-16, 2011

*Proceedings in:*



Springer, Heidelberg, Germany

In collaboration with



## LIST OF COLLABORATORS FOR 2011

- AGH University of Science and Technology, Poland
- Muroran Institute of Technology, Japan
- University of Silesia, Poland
- Nagaoka University of Technology, Japan
- VSB-Technical University of Ostrava, Czech Republic
- Silesian University of Technology, Poland
- IPI PAN Polish Academy of Sciences, Warsaw, Poland
- Machine Intelligence Research-MIR Labs, USA
- University of Technology and Life Sciences, Poland
- University of Suwon, South Korea
- Hanbat National University, South Korea
- Bialystok University of Technology, Poland
- University of Finance and Management in Bialystok, Poland

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## OBJECTIVES OF THE CONFERENCE

The 10<sup>th</sup> International Conference on Computer Information Systems and Industrial Management Applications (CISIM 2011) with its focus on *Agent based Computing and Its Applications* strives to present a multidisciplinary research forum for researchers across the globe. The goal of this conference is to bring together researchers and practitioners from academia and industry to focus on advanced concepts in biometrics, secure and agent based computing, and industrial management, and establishing new collaborations in these areas. The technical program for CISIM 2011 has been planned with four distinct tracks, I. **Biometric Security and Multi-media Analysis**; II. **Agent based computing**; III. **Security & Trust** and IV. **Industrial Applications**.

## CALL FOR PARTICIPATION

The Department of Computer Science & Engineering, University of Calcutta ([www.cucse.org](http://www.cucse.org)), has organized the *10<sup>th</sup> International Conference on Computer Information Systems & Industrial Management Applications* (CISIM 2011) during December 14-16, 2011, in Kolkata, India. Please visit the conference website at [www.cisim.cucse.org](http://www.cisim.cucse.org) for further details.

This reputed annual event originates in Poland and most of the earlier versions of this annual event have been held in Poland or the Czech Republic. Over the years, CISIM has become a leading forum for disseminating the latest research results in various fields of information systems and management. The Technical Program Committee (TPC) for the conference is headed by 4 co-chairs from Poland, Italy and India. The TPC for CISIM is truly International with its members from over 25 countries including USA, UK, New Zealand, Poland, Sweden, Italy, Japan, Canada, Finland, Czech Republic, Belarus, Uzbekistan, Trinidad & Tobago, Jordan, China, Korea, Taiwan, Ukraine, Brunei, France, Sri Lanka, Brazil, Belarus, Thailand, Portugal, etc.

The goal of CISIM 2011 is to bring together researchers and practitioners from academia and industry to focus on advanced concepts in biometrics, security, agent-based computing, and industrial management. There are researchers and professionals in these areas in various prestigious academic and research institutions in India, including those in West Bengal. Also several leading industries in Kolkata and elsewhere in the country are engaged in the development of various information technology based solutions. CISIM 2011 aims to act as a unique catalyst to accelerate the involvement of Indian industries in the area of distributed and wireless computing systems. The organizing committee is taking steps to ensure good participation, both in terms of quantity and quality, through a strong technical program consisting of:

- Cutting-edge Keynote addresses and Plenary Lectures by reputed international speakers
- High quality technical papers by international researchers
- Panel discussion
- Industry Forum

The four **Keynote Addresses** in CISIM 2011 would be presented by the following renowned speakers.

- Heinrich Voss, *Regularization of Large Scale Total Least Squares problems*, Hamburg University of Technology, Germany.
- Young Im Cho, *The Future of Intelligent Ubiquitous Computing Systems*, The University of Suwon, Korea.
- Dipankar Dasgupta, *Who is Responsible for Security & Privacy in the Cloud?* University of Memphis, Memphis, USA.
- Dong Hwa Kim, *An Effective Research of Emotion*, Hanbat National University, Korea.

The two **Plenary Lectures** would be presented by

- Sushil Jajodia, *Scalable Detection of Cyber Attacks*, George Mason Univ., Fairfax, USA
- Aditya Ghosh, *Optimizing Web: Leveraging Agent Technology for Sustainability*, University of Wollongong, Australia.

The conference will be attended by business leaders, researchers from academics and industry R&D from all over India and many from outside India. We expect about two hundred professionals from all over the world to participate in the conference as delegates. There will be special session dedicated to industries and students/young researchers. The proceedings of CISIM 2010 will be published by Springer Verlag under CCIS series.

We would like to invite you cordially to attend CISIM 2011 and also to kindly encourage your colleagues, collaborators, and associates to participate in CISIM 2011. The registration details are available in the conference website at <http://www.cisim.cucse.org/register.html>