Computational Intelligence for Business Intelligence

CALL FOR PAPERS

2nd Special Session on "Computational Intelligence for Business Intelligence"
http://www.neural-forecasting.com/conferences/ic-ai05/cfp_ic-ai05.htm

@ The 2005 International Conference on Artificial Intelligence
Part of the 2005 International Multiconference in Computer Science and Computer Engineering
Monte Carlo Resort, Las Vegas, Nevada, USA
27-30 June 2005

The world's largest gathering of researchers in computer science & engineering, applied computing and information systems will be held in June 2005. You are invited to submit a draft paper for the 2nd special session on the application of Computational Intelligence methods for Business Intelligence at the 2005 IC-AI, one of 30 research conferences.

Business intelligence (BI) represents a broad category of applications, technologies and methods to enhance managerial decision making in public and corporate enterprises from operational to strategic level. Methods from Computational Intelligence (CI), including neural, fuzzy and evolutionary computation, support vector machines as well as particle swarms, artificial immune systems etc. have proven increasingly effective in supporting these decisions. All accepted and presented papers will be published in the conference proceedings. Please see instructions below.

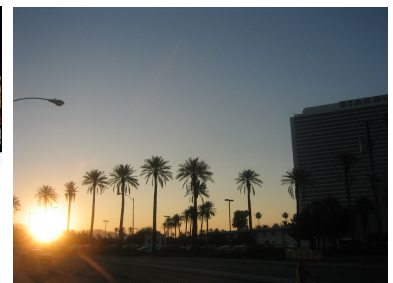| TOPICS OF INTEREST	**Methods (include but are not limited to):** ▪ artificial neural networks (all paradigms) ▪ support vector machines (all paradigms) ▪ fuzzy, evolutionary & hybrid methods ▪ particle swarms & related methods ▪ artificial immune systems etc. **Sectors (include but are not limited to):** ▪ corporate business ▪ public sector	**Applications (include but are not limited to):** ▪ business forecasting & demand planning ▪ time series prediction ▪ knowledge discovery in databases ▪ data mining (temporal & structural) ○ regression ○ classification ○ association ○ clustering / segmentation ▪ Optimisation
DRAFT PAPER	Prospective authors are invited to submit a draft paper (IEEE style) in PDF-format via email to the special session organiser by the due date. The first page of the draft paper must include: title of the paper, name, affiliation, postal address, E-mail address, telephone & Fax number for each author, indicating the name of the author who will be presenting the paper (if accepted) & a maximum of 5 keywords. Papers will be refereed for originality, significance, clarity and soundness by at least two independent reviewers in the topical area. Categories of accepted daft papers include: • Regular Research Papers (RRP - 7-page IEEE-style, publication in the proceedings, 20-minute presentation) • Regular Research Reports (RRR – 7-page IEEE-style publication in the proceedings, Poster Presentation) • Short Research Papers (SRP - 4-page IEEE-style publication in the proceedings, Poster Presentation) • Posters (PST - 1-page IEEE-style publication in the proceedings, Poster Presentation)	
CAMERA READY PAPERS	The length of the camera ready papers accepted will be limited to 7 IEEE style pages. Standard IEEE templates & typing instructions, copyright forms, conference registration forms etc. will be supplied upon acceptance. After the conference, selected papers will be considered for publication in appropriate journals and special issues. All conference proceedings are considered for inclusion in major database indexes that are designed to provide easy access to the current literature of the sciences (e.g.: ISI Thomson Scientific, IEE INSPEC ...). Presentation time and form will be limited to 20 minutes depending on the submission category.	
PAPER SUBMISSION	submit draft papers to:　　Sven F. Crone, eMail s.crone@neural-forecasting.com	
IMPORTANT DATES	March 14th, 2005　　　Draft papers due March 30, 2005　　　　Notification of acceptance April 17, 2005　　　　Camera ready papers & Pre-registration due June 27-30, 2005 2005 IC-AI'04 & Int'l Multiconference in CS & CE	
SPECIAL SESSION ORGANISATION	Sven F. Crone　　　　　Lancaster University, Dept. of Management Science Robert Stahlbock　　　University of Hamburg, Institute of Information Systems	

CONFERENCE INFORMATION	The 2004 IMCSE attracted over 1500 researchers from 78 countries and over 200 papers at the IC-AI'04. It is anticipated that the 2005 IMCSE will attract over 2000 participants. The 2005 event is held right after the 2005 World Congress in Applied Computing (WCAC'05) composed of another 14 major conferences, allowing a total of 30 multidisciplinary conferences!!! Attendees will have full access to all IMCSE conferences, sessions & tracks. Both multiconferences are organised by the World Academy of Science www.world-academy-of-science.org • Each event is a premier conference for presentation of advances in their respective subjects. • All conferences will be held simultaneously (following the WCAC'05) @ Monte Carlo Resort • Each conference will have its own proceedings.
CONFERENCE FEES	Non-students fee: US$ 495 (US$100 late registration after April 20 2005) Full-time student fee: US$ 395 (US$100 late registration after April 20 2005) The fee includes: books + 4 breakfasts + 12 refreshment breaks + one formal dinner + booklets + CDs + access to all tutorial sessions + access to all sessions of all conferences
CONFERENCE VENUE	The conferences will be held in the Monte Carlo Resort, Las Vegas Nevada, USA. The Monte Carlo is a mega hotel with excellent conference facilities & over 3,000 rooms, with extensive recreational attractions, including: waterfalls, spa, pools & kiddie pools, sunning decks, easy river water ride, wave pool with cascades, lighted tennis courts, health spa (with workout equipment, whirlpool, sauna, ...), arcade virtual reality game rooms, nightly shows, snack bars, a number of restaurants, shopping area, bars, casino etc. (most are open 24 hours a day & suitable for families & children). The hotel is minutes from the airport with 24-hour shuttle service to & from the airport. The hotel is within walking distance from most other attractions (major shopping areas, recreational destinations, fine dining & night clubs, free street shows etc.). The room rate for conference attendees is US$79.- per room.
LAS VEGAS INFO	Las Vegas is located in Nevada, neighbouring California, Oregon, Idaho, Utah, and Arizona, and only a few driving hours away from: Los Angeles, San Diego, Phoenix, Grand Canyon, ... http://www.lasvegas.com/ - http://www.ci.las-vegas.nv.us/ - http://www.lvchamber.com

If you have any questions regarding the special session or the conference please do no hesitate to contact the session Organisers: Sven F. Crone (s.crone@neural-forecasting.com)
 R. Stahlbock (r.stahlboc@neural-forecasting.com)

B I³S lab

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The 2005 International Multiconference in Computer Science and Computer Engineering is composed of the following 16 conferences (all held simultaneously, same location and dates: June 27-30, 2005, Las Vegas, USA):

1.   The 2005 International Conference on Parallel and Distributed Processing Techniques and Applications PDPTA'05)
2.   The 2005 International Conference on Artificial Intelligence (ICAI)
3.   The 2005 International Conference on Software Engineering Research and Practice (SERP'05)
4.   The 2005 International Conference on Internet Computing (ICOMP'05)
5.   The 2005 International Conference on Computer Design CDES'05)
6.   The 2005 International Conference on Wireless Networks (ICWN'05)
7.   The 2005 International Conference on Modelling, Simulation and Visualization Methods (MSV'05)
8.   The 2005 International Conference on Foundations of Computer Science (FCS'05)
9.   The 2005 International Conference on Imaging Science, Systems, and Technology: Computer Graphics (CISST'05)
10.   The 2005 International Symposium on Web Services and Applications (ISWS'05)
11.   The 2005 International Conference on Pervasive Systems and Computing (PSC'05)
12.   The 2005 International Conference on Machine Learning; Models, Technologies and Applications (MLMTA'05)
13.   The 2005 International Conference on Communications in Computing (CIC'05)
14.   The 2005 International Conference on Engineering of Reconfigurable Systems and Algorithms (ERSA'05)
15.   The 2005 International Conference on Programming Languages and Compilers (PLC'05)
16.   The 2005 International Conference on Embedded Systems and Applications (ESA'05)

The 2005 World Congress in Applied Computing is composed of the following 14 conferences (all be held simultaneously, same location and dates June 20-23, 2005, Las Vegas, USA):

1.   The 2005 International Conference on Grid Computing and Applications (GCA'05)
2.   The 2005 International Conference on e-Business, Enterprise Information Systems, e-Government, and Outsourcing
3.   The 2005 International Conference on Biometric Authentication (BIOAU'05)
4.   The 2005 International Conference on Computers for People with Special Needs (CPSN'05)
5.   The 2005 International Conference on Data Mining (DMIN'05)
6.   The 2005 International Conference on Human-Computer Interaction (HCI'05)
7.   The 2005 International Conference on Computer Vision (VISION'05)
8.   The 2005 International Conference on Scientific Computing (CSC'05)
9.   The 2005 International Conference on Information and Knowledge Engineering (IKE'05)
10.   The 2005 International Conference on Security and Management (SAM'05)
11.   The 2005 International Conference on Mathematics and Engineering Techniques in Medicine and Biological Sciences
12.   The 2005 International Conference on Algorithmic Mathematics and Computer Science (AMCS'05)
13.   The 2005 International Conference on Data Fusion - From Multi-Source Data to Information (FUS'05)
14.   The 2005 International Conference on Frontiers in Education: Computer Science and Computer Engineering FECS'05)

A link to each conference's URL can be found at http://www.world-academy-of-science.org