



42nd International Conference



on Computers & Industrial Engineering

16 – 18 July 2012

Call for Papers - CIE42

Cape Town International Convention Centre, Cape Town, South Africa

www.cie42.saie.co.za

The 42nd International Conference on Computers and Industrial Engineering (CIE-42) will be the next in the series of conferences under the same name. The series aims to disseminate recent theoretical and methodological developments, significant technical applications, case studies and survey results in the areas of Computers, Industrial Engineering, Management and other related areas.

The conference will be held at the Cape Town International Convention Centre, Cape Town, South Africa during the period 16 – 18 July 2012. The conference will provide an excellent opportunity for researchers and professionals of industrial engineering from all over the world to exchange their ideas and experiences, gain insight from industry leaders and also enjoy Cape Town and South Africa in winter!

Typical areas in Computers and Industrial Engineering include, but are not limited to the following fields:

- Applied Operations Research
- Probabilistic and Statistical Models
- Data Mining, Knowledge Discovery and Computational Intelligence
- Multi-Criteria Decision Making and Decision Analysis
- System Simulation and Forecasting
- Information Technology
- Supply Chain Management & Logistics
- Web-based Applications, E-Business and E-Commerce
- Quality Management/Engineering, Reliability and Maintenance
- Facilities Layout Design, Warehousing, Material Handling
- Production/Manufacturing Systems & Processes; Agile Manufacturing; ERPI/APS
- Design for Manufacturing, Robust Design, Reverse Engineering
- Group Technology & Cellular Manufacturing
- Environmentally Conscious Manufacturing
- Human Factors, Industrial Ergonomics and Safety
- Project Development & Management
- Global Economy Engineering & IE
- Manufacturing Technologies
- Artificial Intelligence & Expert Systems

- Healthcare Systems Applications
- Industrial Engineering Education and E-Learning
- Ethics in IE Education, Research & Practice
- Service Systems including Energy, Transportation, Communication, Utilities and Environmental Control

ABSTRACTS / FULL PAPER SUBMISSION

- Papers and abstracts will be accepted for reviewing on condition that the manuscript is original and has not been previously published or presented at a conference. An international technical committee will referee all submissions. A list of referee names will be appended to the conference proceedings.
- Abstracts and full papers are to be submitted electronically, in DOC and PDF format. The official conference template will be available from the conference website in due course.
- Your preferences in the technical area(s) of interest (tracks) listed above should be specified in order to assist in scheduling your presentation in the appropriate session.
- The following details should be included in your abstract/full paper: Title, Name of Author(s), Affiliation(s), and full address of the corresponding author, including E-mail address, phone, and fax numbers.
- Abstracts should not exceed 200 words in length; and full papers should be limited to 6 pages.
- A maximum of two papers per registration will be accepted.
- Please submit abstract/full paper to the website:
<http://www.cie42.saiie.co.za>

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PUBLICATION OF ABSTRACTS AND PAPERS

All abstracts and final papers will be published in the conference proceedings in CD-ROM, ISSN 2164-8670, and online ISSN 2164-8689. Authors of selected papers presented at the conference will be invited to submit an extended version of their work for review and potential publications in Special Issues of *Computers & Industrial Engineering: An International Journal*. Please see conference web site for paper selection processes.

IMPORTANT DATES

Submission of Abstracts/Proposals of Organized Sessions	9 March 2012
Notification of Abstract Acceptance	23 March 2012
Submission of the Full Paper	16 April 2012
Notification of Paper Acceptance	31 May 2012
Submission of Camera Ready Paper	25 June 2012
Registration (Early Bird)	31 May 2012
Registration (Regular)	30 June 2012
CIE42 Welcome Reception	15 July 2012
CIE42 Conference	16 – 18 July 2012