



FLINS 2016

12th Conference on Uncertainty Modelling in Knowledge Engineering and Decision Making

August 24-26, 2016, Ecole Nationale Supérieure des Arts et Industries Textiles, Roubaix, France INFO: <http://flins2016.ensait.fr>

CALL FOR PAPER

SPECIAL SESSION

Soft Computing in Textile and Apparel Engineering

Soft computing is generally used to data mining, knowledge representation, and decision making for resolving the industrial uncertain problems. The art of soft computing is a synergistic integration of three essential computing paradigms (neural networks, fuzzy logic and evolutionary computation) entailing probabilistic reasoning to provide a framework for flexible information processing applications designed to operate in the real world. Due to its tolerance to imprecision, uncertainty and partial truth, soft computing also deals well with the human related issues in textile and apparel engineering, which are human perceptions, co-design process, manufacturing simulation and so on. This special session is proposed to focus on the latest and innovative industrial applications of soft computing in textile and apparel engineering.

SESSION THEMES

- Uncertainties in Textile Sensory Evaluation / Kansei Engineering
 - Data Mining for Human Centered Textile / Fashion Design
 - Information Systems of Garment Co-Design
 - Simulation and Optimization of Textile Process
 - Modeling and Simulation of Apparel Manufacturing
 - Pattern Recognition of Textile Quality Control
 - Forecasting of Fashion Marketing
 - Decision Making in Textile /Apparel Supply Chain Management
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IMPORTANT DATES

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|----------------------------|------------------------------------|-----------------------------|---------------------------|
| ➤ FULL PAPER
SUBMISSION | ➤ NOTIFICATION OF
REVIEW REPORT | ➤ FINAL PAPER
SUBMISSION | ➤ AUTHORS
REGISTRATION |
| FEBRUARY 5, 2016 | MARCH 15, 2016 | APRIL 15, 2016 | APRIL 25, 2016 |

SUBMISSION AND PUBLICATION

Authors are invited to submit their manuscripts to the special session on Soft Computing in Textile and Apparel Engineering. All the drafts should be written in English and submitted as a PDF/Word format via the EasyChair system of FLINS 2016 website. <http://flins2016.ensait.fr>

All the papers submitted to this session will be peer-reviewed and selected based on their originality, significance, relevance, and clarity of presentation. The accepted papers will be published in the conference proceedings by World Scientific Publishing. The extended versions of the selected papers will be published in special issues of some SCI-indexed international journals in concern fields.

SPECIAL SESSION ORGANIZERS

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