

The Third International Conference on Soft Computing and Data Mining

SCDM-2018
6-8 Feb 2018
Le Grandeur Palm Resort
Johor, Malaysia

CALL FOR PAPERS SPECIAL SESSION ON

“Bioinspired Visual Cortex for Computer Vision Applications”

6-8 February 2018 – Johor, Malaysia

Session Co-Chairs:

NorSurayahani Suriani, Universiti Tun Hussein Onn Malaysia, Malaysia
Mohd Helmy Abd Wahab, Universiti Tun Hussein Onn Malaysia, Malaysia

Session Description

In conjunction with **SCDM 2018** conference, the organizer would like to invite a researcher to participate in special session **“Bioinspired Visual Cortex for Computer Vision Applications”** that will be conducted in parallel with conference day. It intends to provide a collaborative discussion visual representation and information processing of natural scenarios faced in computer vision solved by cognitive biological systems. Further contributions are dealing with human computer interactions, biomechanics and smart environment applications. The Special Sessions will be centralized as tracks in the same conference submission and reviewing system as the regular papers. The organizer will be responsible for the advertisement and promotion of the special session.

Papers are being solicited for this session. Topics of this special session include, but are not limited to, the following area:

- Cognitive neuroscience
- Motion data driven modelling
- Neuron computing
- Neural networks
- Machine learning
- Brain and cognitive modelling
- Brain machine interface
- Behavioral and event understanding
- Neuro-fuzzy modelling
- Neuron imaging
- Biological visual processing
- Bio-inspired system applications
- Cortical modelling

Publication

All registered and presented papers will be published in “Advances in Intelligent Systems and Computing” (AISC) by Springer-Verlag. Selected papers will be invited to publish an extended and improve version of their papers to international journals, indexed by SCIE and Scopus. The manuscript should be 10 maximum pages according to AISC paper template.

Submission link

<http://easychair.org/conferences/?conf=scdm2018>

Important Dates

Full Paper Submission	:30 May 2017
Paper Acceptance	:30 August 2017
Final Camera Ready Deadline	:30 Sept 2017
Author Registration	:30 Sept 2017
SCDM Conference	:6-8 Feb 2018

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