

FICTA

6TH INTERNATIONAL CONFERENCE ON
FRONTIERS OF INTELLIGENT COMPUTING: THEORY
AND APPLICATIONS (FICTA)

14 -15 October, 2017

School of Computer Applications and
School of Computer Engineering
KIIT University

CALL FOR PAPERS

Important Dates

Last Date of Paper Submission

31st July, 2017

Notification of Acceptance

31st August, 2017

Camera Ready Copy

10th September, 2017

Publication

All accepted and registered papers of this special session will be published in Springer Advances in Intelligent Systems and Computing (AISC) series.

[Now indexed by: ISI Web of Science Proceedings, DBLP, Ulrich's, EI-Compendex, SCOPUS, Zentralblatt Math, MetaPress and Springerlink]

<http://www.springer.com/series/11156>

Submission Guidelines

1. Prospective authors are invited to submit original research work that falls within the scope of the session. All submissions will be thoroughly peer-reviewed by experts based on originality, significance and clarity.

2. Only papers presenting novel research results or successful innovative applications will be considered for publication in the conference proceedings.

3. Kindly ensure that your paper is formatted as per Springer AISC Template (not exceeding 8 pages written in A4 size).

Registration

Please visit conference webpage for registration and other details:

<http://ficta2017.in/>

Special Session on “Machine learning in document processing: handwritten and printed”

Session Chair(s):

- Prof. Dr. K.C. Santosh, University of South Dakota, USA
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- Prof. Sk Md Obaidullah, Aliah University, India
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- Prof. Dr. Nibaran Das, Jadavpur University, India
Email: nibaran@gmail.com, Ph. +91 9831 492 312
- Prof. Dr. Kaushik Roy, West Bengal State University, India
Email: kaushik.mrg@gmail.com, Ph. +91 9432 841 740

Theme of Session:

The main aim of this special session is to address an important issue in document image analysis for all possible Indic scripts, as India is a country rich in scripts compared to other countries across the globe. Such a theme of the session not only provides a platform for established research scientists but also early career ones to meet them and pursue their work.

Topics of Interest:

We invite original (un-published) research contributions based on the above-mentioned theme including following topics **but not limited to**:

- Document information content extraction and understanding
- Tables and forms processing
- Character, symbols, equations recognition
- Handwritten and printed documents separation/segmentation: paragraphs, lines, words, characters
- Postal documents processing
- Bank check processing
- Historical document processing
- Writer identification
- Handwritten databases development

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- Script Identification in multi-script documents
- Signature Verification
- Pre-processing on noisy and/or degrade document images
- Online handwriting recognition
- Extreme learning machine
- Neural networks
- Deep learning

Paper Submission Process:

We will provide separate documents as soon as we receive approval from the organizer(s). Many thanks!

Program Committee:

Szilard Vajda, Washington State University, USA
Mohamed-Rafik Bouguelia, Halmstad University, Sweden
Eugene Borovikov, National Library of Medicine, National Institutes of Health (NIH), USA
K.C. Santosh, University of South Dakota, USA
Mickael Coustaty, University of La Rochelle, France
Do Thanh Ha, Hanoi University of Science, Vietnam
Kaushik Roy, West Bengal State University, India
Nibaran Das, Jadavpur University, India
Sk Md Obaidullah, Aliah University, India
Ravindra Hegadi, Solapur University, India
P. Shivakumara, University of Malaya, Malaysia
Mallikarjun Hangarge, Karnatak College – Bidar, India
...more to come!

For any further queries related to this special session, please contact the session chairs at:

E-mail ID: santosh.kc@usd.edu

Mobile No.: +1 301 640 0921

Note. Organizer may also want to contact either of the session chairs if needed.