

CALL FOR PAPERS:

Symposium on Video Signal Processing and Analysis

Within the

International e-Conference on Computer Science (IeCCS 2007), 28 June – 8 July, <http://www.ieccs.net>

Description:

Today, displays based on liquid crystal (LCD) and plasma (PDP) technologies are getting more and more popular in the consumer markets. Those displays are able to show pictures with good details. However, the source video materials are not always satisfactory, because the source materials are usually down-sampled, corrupted with noise, and compressed. In order to improve the picture quality of source materials, video signal processing algorithms, which are adaptive to particular display types such as TV sets and mobile devices, must be designed. To automatically extract useful information from video materials, video content analysis algorithms should also be investigated. The topics of this symposium include but are not limited to:

1. Sharpness Enhancement
2. Contrast Enhancement
3. Denoising
4. Coding Artifact Reduction
5. Color Enhancement
6. Motion Estimation
7. Compression
8. Video Content Description
9. Video Shot Cut Detection
10. Feature Extraction
11. Pattern Recognition
12. Video Processing and Analysis for Mobile Devices

Organizer:

Dr. Ling Shao
Dept. Video Processing & Analysis
Philips Research Laboratories
High Tech Campus 36
Eindhoven 5656 AE
The Netherlands
Tel: +31 402746127
Fax: +31 402742630
E-mail: l.shao@philips.com

Important Dates:

Submission of Extended Abstract: June 01, 2007 - Final Date

Notification of acceptance: June 20, 2007

Submission of the source files of the camera ready extended abstracts for AIP Conference Proceedings: June 27, 2007 - Final Date

Submission of the source file of the presentation of the Conference lecture: June 25, 2007 - Final Date

Submission of the full paper for consideration for publication in Computing Letters (CoLe): July 20, 2007 - December 31, 2007

Submission:

Papers must be submitted directly to the symposium organizer: Ling Shao (l.shao@philips.com).