

Proposal for Special Session to IIH-MSP2008

The Applications of Skin Detection

Skin colour detection is a very important step in many systems, like pornography filtering, image retrieval, gesture recognition, hand tracking, video indexing, region of interest, face detection, etc. I am organizing a special session on The Applications of Skin Detection for IIH-MSP2008, which will be held in Harbin Institute of Technology, Harbin, China, Aug. 15-17, 2008. It brings together researchers working across this field to share their experience and discuss advanced techniques. Topics of interest include, but are not limited to:

1. Skin color modeling:
 - 1.1 Parametric modeling
 - 1.2 Non-parametric modeling
 - 1.3 Pixel based modeling
 - 1.4 Skin-probability-map modeling
 - 1.5 Time-varying illumination modeling
 - 1.6 Color-temperature-varying modeling
 - 1.7 Others
2. Skin detection applications:
 - 2.1 Image content filtering
 - 2.2 Image Retrieval
 - 2.3 Gesture recognition
 - 2.4 Hand tracking
 - 2.5 Face detection
 - 2.6 Eyes tracking
 - 2.7 Human tracking
 - 2.8 Video indexing
 - 2.9 Contentaware video compression
 - 2.10 Other applications

Paper Submission:

All contributions should be original and not published elsewhere or intended to be published during the review period. To ensure high quality, all papers will be reviewed. Each paper should follow the IEEE paper format with title, authors' names, affiliations and email addresses, an up to 150-words abstract, and a two-column body with 4 single-spaced pages and with font size at 10 pts. All papers must be submitted electronically in PDF format only. Before submitting your papers, please register to get the user ID and password for the paper submission.

Important Deadlines:

Submission of Manuscripts: Feb. **15, 2008**

Notification of Acceptance: Mar. **31, 2008**

Submission of Camera-ready Papers: Apr. **30, 2008**

For more information please contact:

Jiann-Shu Lee

Associate Professor, Department of Computer Science and Information Engineering

National University of Tainan

33, Sec. 2, Shu-Lin St. Tainan, 700, Taiwan

Tel: (886)6-2606123 Ext. 7803

Fax: (886)6-2606125

E-mail: cslee@mail.nutn.edu.tw