CALL FOR PAPERS for Special Issue
Affect Based Human Behavior Understanding

Emotion is an important aspect of human behavior that is relevant for interpreting complex behavioral patterns between interacting humans and for improving human-computer interaction. Analysis of affect for a better understanding of human behavior is a challenging problem where many issues are still open. We solicit contributions to a special section on IEEE Transactions on Affective Computing that focuses on the problems of modeling and analyzing human affective behavior. The topics include, but are not restricted to:

- Multimodal affective behavior analysis
- Affective social signals
- Display of affect for personality judgments
- Analysis of emotion in speech
- Analysis of non-verbal affective behaviors
- Facial expression analysis

- Automatic assessment of emotional responses
- Natural/spontaneous vs. acted affective responses
- Temporal dynamics of emotion
- Novel sensory modalities for analysis of affect
- Long-term analysis of affective responses

SUBMISSIONS:

Submissions must represent original material. Papers are accepted for review with the understanding that the same work has been neither submitted to, nor published in, another journal or conference. The special issue follows the International Workshop on Human Behavior Understanding (HBU@ICPR) held in association with ICPR 2010. Workshop papers must be significantly enhanced and revised to be considered in the special issue, which is also open to work not presented in the workshop. All manuscripts will undergo a rigorous review process by at least three experts.

IMPORTANT DATES:
October 1, 2010: Submission of full paper
November 7, 2010: First round of reviews
December 7, 2010: Submission of revised papers
December 30, 2010: Second round of reviews
January 15, 2011: Notification of acceptance

The tentative publication date is mid-February 2011.

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