Special Session On

Robot Vision &
Vision-based
Blind Assistive Technologies

CALL FOR PAPER
Cairo, Egypt Nov. 28-30, 2014.
http://www.egyptscience.net/AMLTA2014/SpecialSession.html

Organized as a part of

The 2nd International Conference on Advanced Machine Learning
Technologies and Applications (AMLTA14)

Overview: The special session on Robot Vision and Vision-based Blind Assistive Technologies aims to bring together researchers and their work from different disciplines, such as Robot Vision, Machine Learning, Mobile Computing, Image Processing, Multimedia and Social Networks, Biomedical Engineering and Artificial Intelligence in order to find meeting points for cooperation and integration to provide advanced help for blind and visually impaired people. The workshop aims to present a state-of-the-art about the research advances, new technologies and applications in order to develop smart solutions to help the visually impaired in their routine tasks.

Topics of this session include but not limited to:

- Human - Robot Interaction
- Safety and Security
- Mobility Aids
- Navigation Systems
- Technology for Cognition
- Mobile and Wearable Systems
- Personalized Monitoring
- Datasets and Evaluation Procedures
- Scene Understanding
- Object Recognition & Tracking
- Video summarization
- Visual Attention and Visual Saliency
- Applications for the Visually Impaired
- Applications for the Ageing Society
- Vision Systems for Autism Spectrum Disorder
- Understanding and Monitoring

Paper Submission and Publications: Authors are invited to submit original research contributions. Normal length papers should be 6-8 pages, formatted in Springer’s single column format (detailed instructions for submissions are given below). Submitted papers will be subject of peer review for quality, correctness, originality, and relevance. Authors of the best papers will be invited to extend their papers for inclusion in a special issue of the some journals indexed by SCOPUS and EI. Authors may use the online submission system hosted by EasyChair Conference System to submit their papers. Please read the Submission Instructions before submitting your work in the system. https://www.easychair.org/conferences/?conf=amlta2014

All accepted conference papers will be presented at the conference and included in the published proceedings by Springer’s CCIS (Communications in Computer and Information Science) Series volume number (Approved). Please follow the instructions on Springer’s LNCS webpage http://www.springer.com/computer/lncs?SGWID=0-164-7-72376-0 when formatting to ensure that your paper is included in the proceedings.

Important Dates:
- Deadline for paper submission: June 30th, 2014
- Notification of Acceptance: August 10th, 2014
- Deadline for Camera-ready Submission: September 1st, 2014
- Conference dates: November 28th - 30th, 2014