



SIBGRAPI 2014

XXVII SIBGRAPI CONFERENCE ON GRAPHICS, PATTERNS AND IMAGES

CALL for Workshop on Vision-based Human Activity Recognition

Rio de Janeiro, 30 August, 2014

We are looking for visionary, exciting, original contributions, both from academia and industry. We are accepting both position papers and technical contributions. The acceptance criteria will emphasize more originality and potential impact than the nitty-gritty technical details. Do you have a neat idea? Does it have great potential for social/economical/technological/scientific impact? Can you convince someone other than your dog of that? Then write us a paper, even if you don't have all experiments run, all theorems demonstrated, all t's crossed, and all i's dotted.

We will accept contributions on Human Activity Recognition (HAR) and its applications, such as the development of smarter homes, schools, hospitals, and public environments. Both vision-only approaches, and those that combine sensor- with vision-based HAR are welcome. Below there is a non-exhaustive list of areas of interest:

- Action recognition;
- Violence detection;
- Pose estimation and its application for HAR;
- Feature extraction for VHAR;
- Embedded solutions for visual surveillance;
- People detection/tracking - both 2D and 3D;
- Sports visual analytics;
- Depth-cameras for monitoring environments.

Also, we are specially interested in proposals/evaluations of datasets for vision-based HAR (databases with human actions and activities).

Best Paper Award

The Workshop on Vision-based Human Activity Recognition, sponsored by Samsung, will award a **phablet Samsung Galaxy Note 3** for the best paper in the workshop. The announcement will be in the workshop.

Important Dates

Paper submission: **May 9, 2014**

Notification of acceptance: June 15, 2014

Camera ready due: June 30, 2014

Submission Guidelines

All papers must be written in English and formatted according to the IEEE standard (the same of the main conference). We welcome both full papers of up to 8 pages or short papers of 2-4 pages, including bibliography and illustrations. Short papers can be position or early result papers, with the option of extending them to full papers for the post-proceedings. **There is no penalty for length. Full and short papers are equally welcome!**

Student Travel Grants

Samsung is pleased to sponsor travel grants to student authors to present their accepted work. The grants will be awarded to a limited number of applicants who have a genuine need for financial support.

Organizers

Vanessa Testoni, PhD, Researcher at Samsung Research Brazil

Sandra Avila, PhD, Researcher at Unicamp

Otávio Penatti, PhD, Researcher at Samsung Research Brazil

Eduardo Valle, PhD, EE Assistant Professor at Unicamp

Leticia Rittner, PhD, EE Assistant Professor at Unicamp

Miguel Lizarraga, PhD, Researcher at Samsung Research Brazil

Please see: <http://emap.fgv.br/sibgrapi-2014/> for details.

