

# Call for Papers

# TRAKMARK 2012

The 3rd International Workshop on

Benchmark Test Schemes for AR/MR Geometric Registration and Tracking Methods

11<sup>th</sup> of November, 2012, Tsukuba International Congress Center in Tsukuba Science City, Japan,

in conjunction with ICPR2012

<http://trakmark.net/workshop12/>

In the research fields of Augmented Reality (AR) and Mixed Reality (MR), tracking and registration methods are still one of the most important topics. The tracking research field is highly active, and numerous methods appear on a regular basis. The TrakMark working group (WG) was established 2009 to create a benchmark test that permits objective and accurate evaluation of the tracking methods. This year, the workshop will cover a wide range of topics concerning AR/MR registration, tracking and benchmarking. Key areas include, but are not limited to:

- Comparison and evaluation of geometric registration and tracking methods
- Suggestion of new benchmarking scheme
- Vision-based camera pose estimation, camera localization
- Visual SLAM, structure from motion, camera calibration, sensor fusion
- Feature tracking, feature detection, feature description, object tracking
- Survey of tracking papers

## Important dates:

Submission deadline: ~~June 21, 2012~~ **July 5, 2012**

Notification of acceptance: ~~July 5, 2012~~ **July 10, 2012**

Camera ready deadline: October 8, 2012

Workshop day: November 11, 2012

## General chairs:

Gudrun Klinker (Technische Universität München, Germany)

Hideo Saito (Keio University, Japan)

## Program chairs:

Tobias Höllerer (University of California, Santa Barbara, USA)

Tomokazu Sato (NAIST, Japan)

## Paper Submission:

Please send an extended abstract with title, authors, figures and references to '[submission@trakmark.net](mailto:submission@trakmark.net)' before the due deadline. If you have already made a paper in camera ready format, you may submit it instead of the extended abstract.

## Format of Camera Ready Paper:

Paper format of ICPR2012 conference (<http://www.icpr2012.org/submission.html>) is recommended. The number of pages of the paper should be from 2 to 4.

## Publication of Accepted Papers:

Accepted papers will be published on the webpage of TrakMark ( <http://trakmark.net/> ).