



# Quantitative Performance Evaluation of Navigation Solutions for Mobile Robots

Organizers: Raj Madhavan, Chris Scrapper, and Alex Kleiner

Saturday, July 28<sup>th</sup> 2008

<http://kaspar.informatik.uni-freiburg.de/~rss/>

## Workshop Schedule and Agenda

8:30 AM – 12:45 PM (w/ six 25 min. regular presentations and one 15 min. coffee break)

#	Time	Description
	08:30 – 09:00	Welcome & Organizers' Introduction
1	09:00 – 9:30	<b>Featured Presentation (Henrik Christensen)</b> Object Based SLAM using Graphical Models
2–4	9:30 – 10:45	<b>Regular Presentations</b>
	10:45 – 11:00	<i>Coffee Break</i>
5–7	11:00 – 12:15	<b>Regular Presentations</b>
	12:15 – 12:45	Discussions (All Participants) & Closing Remarks

## List of Speakers

#	Title	Presenter
2.	Scan-matching for Navigation	Tim Bailey
3.	OpenSLAM and First Steps on Standards in SLAM	Giorgio Crisetti
4.	Semantic Mapping and an Evaluation Example of Metric SLAM	Dieter Fox
5.	RFID SLAM/Exploration	Alex Kleiner
6.	TBD	Scott Lenser
7.	Active Sensing for SLAM	Johannes Pellenz

## Paper Submissions

All papers will be included in a workshop proceedings CD (12 pages per paper w/ 20 MB size limit). Preferred format is PDF. Please use the template and author instructions from <http://www.roboticsconference.org/authors.shtml/>. A website specific to this workshop has been setup at <http://kaspar.informatik.uni-freiburg.de/~rss/>. Program updates and news related to the workshop will be through this website. All papers, presentations, and a summary of the workshop will also be posted here after the workshop.

**Deadline:** June 1<sup>st</sup> 2008 (submit to [kleiner@informatik.uni-freiburg.de](mailto:kleiner@informatik.uni-freiburg.de))