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# Location- and Context-Awareness

Third International Symposium, LoCA 2007  
Oberpfaffenhofen, Germany, September 20-21, 2007  
Proceedings

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# Preface

These proceedings contain the papers presented at the 3rd International Symposium on Location- and Context-Awareness in September of 2007.

Computing has become mobile, wireless, and portable. The range of contexts encountered while sitting at a desk working on a computer is very limited compared to the large variety of situations experienced away from the desktop. For computing to be relevant and useful in these emerging situations, computers will need to take advantage of users location, activities, goals, abilities, preferences, interruptibility, affordances, and surroundings. With this contextual awareness, we can expect computers to deliver information, services, and entertainment in a way that maximizes convenience and minimizes intrusion.

This symposium presented research aimed at sensing, inferring, and using location and context data in ways that help the user. Developing awareness involves research in sensing, inference, data representation, and design. We sought technical papers describing original, previously unpublished research results including:

- Sensing location and context
- Inference techniques for context from low-level sensor data
- Privacy and sharing of location and context information
- User studies of location- and context-aware systems

Our call for papers resulted in 55 submissions, each of which was assigned to members of our Program Committee. After reviews and e-mail discussions, we selected 17 papers for publication in these proceedings.

We extend a sincere thank you to all the authors who submitted papers, to the 33 hard-working members of our Program Committee, and to our external reviewers.

September 2007

Jeffrey Hightower  
Bernt Schiele  
Thomas Strang

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