

Publications

1. Conferences and workshops

- Guanling Chen and David Kotz. **Context-Sensitive Resource Discovery**. In *Proceedings of the First IEEE International Conference on Pervasive Computing and Communications* ([PerCom 2003](#)), pages 243-252, March, 2003. ([BibTex](#))([PDF](#))
- Guanling Chen and David Kotz. **Solar: An Open Platform for Context-Aware Mobile Applications**. In *Proceedings of the First International Conference on Pervasive Computing* ([Pervasive 2002](#)), pages 41-47, Zurich, Switzerland, June, 2002. ([BibTex](#))([PDF](#))([TR2002-421](#))
- Guanling Chen and David Kotz. **Context Aggregation and Dissemination in Ubiquitous Computing Systems**. In *Proceedings of the Fourth IEEE Workshop on Mobile Computing Systems and Applications* ([WMCSA 2002](#)), pages 105-114, Callicoon, New York, June, 2002. ([BibTex](#))([PDF](#))([TR2002-420](#))
- Guanling Chen and David Kotz. **Solar: Towards a Flexible and Scalable Data-Fusion Infrastructure for Ubiquitous Computing**. In *Proceedings of the UbiTools Workshop at UbiComp 2001*, Atlanta, Georgia, October, 2001. ([BibTex](#))([PDF](#))

2. Technical reports

- A. Abram White. **XSLT and XQuery as Operator Languages**. Technical Report TR2002-429, Dept. of Computer Science, Dartmouth College, June 2002. ([BibTex](#))([TR2002-429](#))
- A. Abram White. **Performance and Interoperability In Solar**. Technical Report TR2002-427, Dept. of Computer Science, Dartmouth College, June 2002. ([BibTex](#))([TR2002-427](#))
- Christopher P. Masone. **Role Definition Language (RDL): A Language to Describe Context-Aware Roles**. Technical Report TR2002-426, Dept. of Computer Science, Dartmouth College, May 2002. ([BibTex](#))([TR2002-426](#))
- Kazuhiro Minami and David Kotz. **Controlling access to pervasive information in the "Solar" system**. Technical Report TR2002-422, Dept. of Computer Science, Dartmouth College, February, 2002. ([BibTex](#))([TR2002-422](#))
- Guanling Chen and David Kotz. **Supporting Adaptive Ubiquitous Applications with the Solar System**. Technical Report TR2001-397, Dept. of Computer Science, Dartmouth College, May, 2001. ([BibTex](#))([TR2001-397](#))
- Arun Mathias. **SmartReminder: A Case Study on Context-Sensitive Applications**.

Technical Report TR2001-392, Dept. of Computer Science, Dartmouth College, June, 2001. ([BibTex](#))([TR2001-392](#))

- Guanling Chen and David Kotz. **A Survey of Context-Aware Mobile Computing Research**. Technical Report TR2000-381, Dept. of Computer Science, Dartmouth College, November, 2000. ([BibTex](#))([TR2000-381](#))