



Press Release

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Taking a Second Look: Technology Enables Quick Review of Continuous Recorded Data

San Jose, CA (24 April, 2007) -- Surveillance camera outputs and other continuous recordings are almost impossible to manage because of the time required to review the footage for key events or interesting snippets. However, Dr. Gregory Abowd of Georgia Institute of Technology has developed some techniques for selecting important portions of continuous recorded data in real-time. Dr. Abowd's motivation for this work was and is improving treatment for autism. However, his work has broad application that reaches beyond the initial impetus. The ability to find and extract key events from continuous recorded data could potentially impact many domains. On May 3rd, Dr. Abowd will present his work at CHI 2007 in San Jose, CA.

"In 1999, we learned that our son, Aidan, was diagnosed with autism; a few years later our second son, Blaise, was also diagnosed with autism. The CDC reports incidence of autism in the U.S. at 1 in 166, so many families are coming to grips with the everyday struggles of this perplexing neurological developmental disability. Since Aidan's diagnosis, I have looked for ways to have my research in ubiquitous computing address the challenges of those impacted by autism. My goal is to have technology play a vital role in increasing our understanding of this unique human condition and to have it ease the everyday struggles for those who deal with autism," notes Dr. Abowd. Continuous monitoring of infants and young children may play a role in early identification of autistic tendencies thus facilitating earlier intervention. In addition to receiving a Social Impact Award for his work, Dr. Abowd will present an overview of his research to date and opportunities for future work at CHI 2007.



The annual conference on Computer-Human Interaction (www.chi2007.org) is the premiere worldwide forum for exchanging information on all aspects of how people interact with computers. Scheduled from April 28 through May 3, CHI 2007 offers two days of pre-conference workshops and four days of dynamic sessions that explore the future of computer-human interaction with researchers, practitioners, educators and students. This year's conference features over 300 world-class presentations including: two plenary sessions, highly interactive presentations, over 40 courses, exhibits, recruiting and more at the San Jose McEnery Convention Center in California. CHI 2007 marks 25 years of research, innovation and development of the Computer-Human Interaction community and will be attended by more than 2500 professionals from over 45 countries.

CHI 2007 is sponsored by the ACM Special Interest Group on Computer Human Interaction (SIGCHI). Organizations contributing to the financial support of the conference include (Hero Level) Intel Corp.; (Champion Level) Cisco Systems, Inc.; Cooper; Google, Inc.; Intuit; Microsoft Corp.; the National Science Foundation (NSF); OSTG; SAP AG; Sun Microsystems, and Yahoo! Inc.

About ACM

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