

Dialogue 4

The Challenge of Autism Spectrum Disorders: Research, Practice & Technology

Matthew S. Goodwin, Ph.D.

Massachusetts Institute of Technology Media Lab

12 p.m., Friday, January 28, 2011
RMSB 4th-Floor Auditorium

—————→ Please bring your lunch ←————
(No RSVPs required)

A number of innovative technologies are being developed to enhance and accelerate research and practice in Autism Spectrum Disorders. These technologies include wireless wearable physiological and physical activity sensors, computer vision algorithms for automating facial expression detection, and ultradense video and audio capture systems for longitudinal monitoring of behavior and development in the home. These technologies raise interesting and important issues of security, privacy and confidentiality as they relate to real-world monitoring of environment, behavior, and biology.

Dr. Mathew Goodwin is the Director of Clinical Research at the MIT Media Lab and Associate Director of Research at the Groden Center – an Institute for Autism Spectrum Disorders in Providence, RI. He serves on the Executive Board of the International Society for Autism Research, is Co-Chair of the *Autism Speaks* Innovative Technology for Autism Initiative, and has an Adjunct Associate Research Scientist appointment in the Department of Psychiatry and Human Behavior at Brown University.

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