

RON BAECKER

Towards the Design of Electronic Cognitive Prostheses

Dr. Baecker will discuss how technological systems can function as cognitive prostheses. For example, existing cell phone and PDA software helps manage and access addresses, phone numbers, and appointments, but has only limited and rigid functionality. The goal of his research project is to envision, prototype, design, construct, and evaluate more powerful and flexible electronic cognitive aids. These should help people, including individuals who are aging and who have cognitive impairments, carry out activities of daily living; remember and use names, faces, and appointments; find objects of importance, such as glasses, wallets, and keys; understand and remember procedural instructions, such as taking medications; reminisce about meaningful aspects of their lives; and communicate with distant loved ones.

Wednesday, March 5, 6:30 pm
Auditorium (Rm 190)
Ontario College of Art & Design
100 McCaul Street
Admission is free



Dr. Ronald Baecker is Professor of Computer Science, Bell University Laboratories Chair in Human-Computer Interaction, and founder and Chief Scientist of the Knowledge Media Design Institute (KMDI) at the University of Toronto. He is Affiliate Scientist with the Kunin-Lunenfeld Applied Research Unit of Baycrest, and was recently Visiting Professor, Cognitive Neuroscience, Columbia University College of Physicians & Surgeons. Dr. Baecker is also Principal Investigator of the CDN\$5.5M Canada-wide NSERC Network for Effective Collaboration Technologies through Advanced Research (NECTAR).