

A Proposal for a TOCHI Special Issue on
User Interface Description Languages for Next Generation User Interfaces

Why the proposers are the right people to edit this special issue – including a summary of the proposers’ editorial experience:

The proposers have co-organized the successful CHI 2008 workshop on User Interface Description Languages for Next Generation User Interfaces. Together, they bring deep understanding of both the area of emerging interaction styles and user interface software tools. Their strong connections within the UIDL research community combined with extensive editorial experience, qualifies them to edit this special issue. Following is a summary of the proposers’ background.

Orit Shaer is an Assistant Professor of Computer Science at Wellesley College. Her research focuses on exploring novel interaction techniques and software tools for next generation user interfaces. She received her PhD from Tufts University and was also a visiting researcher at the University of Washington and University College London. Orit has served as a referee for numerous international conferences and journals including ACM CHI, the Journal of Personal and Ubiquitous Computing, Interacting with Computers and, Software: Practice and Experience. Since 2007, she has been a program committee member of the international conference on Tangible and Embedded Interaction (TEI).

Robert Jacob is a Professor of Computer Science at Tufts University, where his research interests are new interaction media and techniques and user interface software. He was also a visiting professor at the MIT Media Laboratory, in the Tangible Media Group, and continues collaboration with that group. He received his Ph.D. from Johns Hopkins University, and he is a member of the editorial board of Human-Computer Interaction and the ACM Transactions on Computer-Human Interaction. He was Papers Co-Chair of the CHI 2001 conference, Co-Chair of UIST 2007, and Vice-President of ACM SIGCHI. He was elected to the ACM CHI Academy in 2007.

Mark Green is a Professor in the Faculty of Science at the University of Ontario Institute of Technology. His research interests include interactive 3D graphics, user interface design and implementation tools, virtual reality and visualization. Recently he has been working on the automatic design of 3D user interfaces at run time based on application functionality and available input and output devices. He was the first general chair of UIST and served as program chair on two occasions. He has also been actively involved in organizing the VRST series of conferences.

Kris Luyten is an Assistant Professor at Hasselt University (Belgium), where he is member of the research institute Expertise Centre for Digital Media. His research interests are model-based user interface development, HCI engineering for ambient intelligence, user-centered design of complex systems and context-aware user interfaces. Since 2004 he is a member of the UIML Technical Committee. In 2004 he was co-organizer of a successful workshop in Gallipoli (Italy) dedicated to XML-based UIDL.