To design user interfaces for interactive computer-based systems, many forms of expression have been used and some new forms are currently being investigated by combining writing, drawing, sketching, gesture, and multimedia interacting capabilities. It is considered fundamental to capture the essence of the users' tasks to better inform the user interface design process. Many activities in the development life cycle are concerned by the quality of this capture. This workshop is aimed at examining how multiple forms of task expressions can significantly increase or decrease the quality of user interface design as a process.

**Scope**
We seek high-quality, original papers that address the theory, design, development, evaluation of ideas, tools, techniques, methodologies in (but not limited to) the following areas:

- Allocation of tasks
- Cognitive task models
- Derivation of UI from task: systematic processes and methods
- Diagrams for task representation: textual, graphic, animation, video
- Early requirements for task-based design
- Predictive task models
- Properties of tasks
- Simulation of tasks
- Sketching and gesture-based tools for UI design
- Software engineering models and techniques applied for task-based design: data-flow diagrams, dynamics diagrams, Petri nets, semantic nets, statecharts, static diagrams, state-transition diagrams, UML models...
- Task analysis
- Task-based design
- Task models: analytic and empirical modelling
- User affordance
- User interfaces for very complex or exceptional tasks
- User-task elicitation
- Visual programming
- Visualization of models involved in UI design process
Venue

A visitor guide is accessible in English, French and German at: http://www.pis.cz/

Sponsors

Czech Technical University in Prague
http://www.cvut.cz/

ACM SIGCHI - Special Interest Group in Computer-Human Interaction
Sun
http://www.acm.org/sigchi/

Sun Microsystems
http://www.sun.com/

LIIHS-IRIT
http://liihs.irit.fr/

Program Committee

Nathalie Aussenac-Gilles, CNRS, France
Rémi Bastide, University Toulouse 1, France
Gilbert Cockton, University of Sunderland, England
Pablo Castells, University of M adrid, Spain
Karín Coninx, Limburg Universitair Centrum, Belgium
Constantin-Gelu Apostol, Academy of Economic Studies, Romania
Maria-Francesca Costabile, Universita di Bari, Italy,
Anke Dittmar, Rostock University, Germany,
Peter Forbrig, University Rostock, Germany,
Elizabeth Furtado, University of Fortaleza, Brazil
Nick Graham, Queen University, Canada
Peter Johnson, University of Bath, United Kingdom
Hilary Johnson, University of Bath, United Kingdom,
Quentin Limbourg, Université catholique de Louvain, Belgium
Vaclav Matousek, University of Western Bohemia, Czech Republic
Eric Nilsson, SINTEF, Norway
Nuno Jardim Nunes, University of Madeira, Portugal
Fabio Paternò, CNR-CNR, Italy
Costin Pribiuc, National Institute for Research and Development in Informatics, Romania
Matthias Rauterberg, Technische Universiteit Eindhoven, The Netherlands
David Roberts, IBM, Warwick, UK
Dominique Scapin, INRIA, France
Kevin Schnéeder, University of Saskatchewan, Canada
Ahmed Seffah, Concordia University, Canada
Stefan Trausan-Matu, Centre for Advanced Research in Machine Learning, Natural Language Processing and Conceptual Modelling, Romania
Jean Vanderdonckt, Université catholique de Louvain, Belgium
Gerrit van der Veer, Vrije Universiteit Amsterdam, The Netherlands
Stephanie Wilson, City University, U.K.
Marco Antonio Alba Winckler, LIIHS-IRIT, France

Organising Committee

Boba Mannova (Czech ACM Chapter - chair)
Veronika Duchkova (Czech ACM Chapter)
Martin Klima (Czech Technical University in Prague)
Vladislav Nemec (Czech Technical University in Prague)
Adam Sporka (Czech Technical University in Prague)
Pavel Slavik (Czech Technical University in Prague)

Submissions

Papers written in English are solicited for presentations as talks in long format. Papers (limited to 8 pages) should highlight both the general scientific contributions of the research and their practical significance. The conference will consist in an oral presentation of long papers, along with discussion. Authors should follow the formatting instructions of SIGCHI Conference Publications Format available at Tamodia Web site.

Workshop fee

The workshop fee will be approximately €220 (Euros). Participant from developing countries can apply for scholarship.

Accommodation

Acommodation in Prague can range from high standard such as Diplomat hotel (about 100 €/night) to cheaper but still comfortable ones such as K rystal hotel (about 30€ per night). More information about hotels is available at http://www.toprague.cz/index.php

Previous editions

- Tamodia’2002, Bucharest, Romania (July 18-19, 2002)
- Tamodia’2003, Creta, Greece (26 June 2003), held in conjunction with HCI International’2003 (session S84)