

# Ivan Burmistrov

Lomonosov Moscow State University, Faculty of Psychology  
Mokhovaya st. 11/9 Moscow 125009 Russia



## CURRICULUM VITÆ

25 years of human-computer interaction research in academia and usability engineering in software industry. Expert in many areas of user research and user-centered design.

## PROFESSIONAL EXPERIENCE

- 1986 – present**      **Researcher, Moscow State University, Laboratory of Work Psychology**  
Research in HCI / Usability. Organized first HCI laboratory in Russia in 1994.
- Main activities**
- ◆ Experimental research on the theme ‘Interruptions in HCI’
  - ◆ Eye-tracking and video-based HCI research and usability evaluation (several hundreds hours of video recordings analyzed)
  - ◆ Research on flat vs realistic UI design
- 2009 – present**      **Founder & CEO, *interUX***  
Supervising and performing full range of user-centered design and evaluation services including user interface design and prototyping, expert evaluations, ethnographic field studies and interviews, competitive analysis and usability testing. Organized first usability testing laboratory in Estonia in 2010.
- 1996 – 2012**      **Head of User Interface Design Department, *Moscow Exchange***  
Full cycle of usability activities for the development of stock market and financial software, including field studies, interviews and focus groups, requirements gathering, conceptual and detailed user interface design, prototypes evaluation and testing.
- 2005 – 2008**      **Usability Consultant, *Aeroflot***  
Research, usability engineering and user interface design for the largest Russian airline: desktop applications, websites, intranets, kiosks, mobile applications.

## PROFESSIONAL ACTIVITIES

- 2004 – 2007**      **Chair, *RusCHI (ACM SIGCHI Russian local chapter)***  
Pioneered HCI / Usability activities in Russia since late 80s and organized local ACM SIGCHI chapter in 2004.
- 2004 – present**      **Website Admin, *www.interruptions.net (Interruptions in Human-Computer Interaction)***

## EDUCATION

- 1980 – 1985**      **Moscow State University, Faculty of Psychology**  
University diploma equivalent to MSc (Psych)

## PROFESSIONAL SOCIETIES

Association for Psychological Science (APS), Association for Computing Machinery (ACM), ACM Special Interest Group on Computer-Human Interaction (ACM SIGCHI), Institute of Electrical and Electronics Engineers (IEEE), IEEE Computer Society (IEEE CS), European Association of Cognitive Ergonomics (EACE), Information Overload Research Group (IORG), Association for the Advancement of Affective Computing (AAAC)

## SELECTED PUBLICATIONS

- Burmistrov I. ea (2015) Flat design vs traditional design: Comparative experimental study, in: J. Abascal, S. Barbosa, M. Fetter, T. Gross, P. Palanque, M. Winckler (Eds.) *Human-Computer Interaction – INTERACT 2015: 15th IFIP TC 13 International Conference (Bamberg, Germany, September 14-18, 2015): Proceedings, Part II*, Cham: Springer, 106-114
- Burmistrov I. (2009) Mobile air ticket booking, in: N. Norros, H. Koskinen, L. Salo, P. Savioja (Eds.) *ECCE 2009 - European Conference on Cognitive Ergonomics: Designing beyond the Product - Understanding Activity and User Experience in Ubiquitous Environments*, Espoo: VTT, 115-118
- Burmistrov I. (2006) A new destination for offshore usability: Russia?, *Interactions*, 13 (2), 22-24
- Degtyarenko I. A., Burmistrov I. V. (2005) Activity theory and information systems development: Current tendencies, *Human Factors: Problems of Psychology and Ergonomics*, 3/1 (32), 38-39
- Burmistrov I. ea (2004) HCI and usability in Russia, in: *Proceedings of CHI'2004 Conference on Human Factors in Computing Systems: Extended Abstracts*, New York: ACM Press, 1021-1022
- Burmistrov I. & Leonova A. (2003) Do interrupted users work faster or slower? The micro-analysis of computerized text editing task, in: J. Jacko and C. Stephanidis (Eds.) *Human-Computer Interaction: Theory and Practice (Part I) – Proceedings of HCI International 2003, Vol. 1*, Mahwah: Lawrence Erlbaum Associates, 621-625
- Burmistrov I. (2003) Interaction design for the stocktrader workstation, in: C. Stephanidis (Ed.) *HCI International 2003 Adjunct Proceedings*, Heraklion: Crete University Press, 3-4
- Kuznetsova A., Kapitsa M., Blinnikova I., Burmistrov I., Belyshkin A. and Firsov K. (2001) Psychological support of work safety and labor protection, in: V. De Keyser, A. B. Leonova (Eds.) *Error Prevention and Well-Being at Work in Western Europe and Russia: Psychological Traditions and New Trends*, Dordrecht: Kluwer Academic Publishers, 177-203
- Burmistrov I. V. (1999) Developing a workstation for stocktraders, in: *People in Control: An International Conference on Human Interfaces in Control Rooms, Cockpits and Command Centres*, London: The Institution of Electrical Engineers, 298-301
- Burmistrov I. (1997) Script-based spatial user interface: An approach to supporting operators of process control systems, in: D. Harris (Ed.) *Engineering Psychology and Cognitive Ergonomics, Vol. 2: Job Design and Product Design*, Aldershot: Ashgate, 421-428
- Burmistrov I. and Leonova A. (1997) Interruptions in the computer aided office work: Implications to user interface design, in: P. Seppälä, T. Luopajarvi, C.-H. Nygård and M. Mattila (Eds.) *From Experience to Innovation: Proceedings of the 13th Triennial Congress of the International Ergonomics Association, Vol. 5*, Helsinki: Finnish Institute of Occupational Health, 77-79
- Leonova A. and Burmistrov I. (1997) Human-computer interaction research at Moscow State University, in: P. Seppälä, T. Luopajarvi, C.-H. Nygård and M. Mattila (Eds.) *From Experience to Innovation: Proceedings of the 13th Triennial Congress of the International Ergonomics Association, Vol. 7*, Helsinki: Finnish Institute of Occupational Health, 124-126
- Burmistrov I. and Leonova A. (1996) Effects of interruptions on the computerised clerical task performance, in: J. Gornostaev and S. Overmyer (Eds.) *Human-Computer Interaction: Human Aspects of Business Computing: Proceedings of EWHCI'96*, Moscow: ICSTI, 21-29
- Burmistrov I. (1996) Operator interface in process control: Introducing 3D graphics and virtual reality into decision support systems, in: J. Gornostaev and S. Overmyer (Eds.) *Human-Computer Interaction: Human Aspects of Business Computing: Proceedings of EWHCI'96*, Moscow: ICSTI, 82-98
- Brusilovsky P., Burmistrov I. and Kaptelinin V. (1993) Structuring the field of HCI: An empirical study of expert representations, in: L. J. Bass, J. Gornostaev and C. Unger (Eds.) *Human-Computer Interaction: Proceedings of EWHCI'93*, Berlin: Springer-Verlag, 11-20
- Burmistrov I. (1992) SpreadWin: An object-oriented user interface for psychological assessment, in: *Proceedings of East-West Conference on Human-Computer Interaction (EWHCI'92)*, Moscow: ICSTI, 286-296
- Burmistrov I. (1992) Flexible Script Interface: An intelligent spatial interaction style, in: G. C. van der Veer (Ed.) *Human-Computer Interaction: Tasks and Organisation*, Rome: CUD, 219-229