The International Federation for Information Processing Technical Committee on Human–Computer Interaction (IFIP TC13) has the honour to announce the 2020/2021 winners of the prestigious IFIP TC13 Pioneer in Human-Computer Interaction Awards. IFIP TC13 appoints pioneers to honour the greatest contributors to the development and growth of the field of human-computer interaction (HCI).

An IFIP TC13 Pioneer is someone who, through active participation in IFIP Technical Committees or related IFIP groups, has made outstanding contributions to the educational, theoretical, technical, commercial or professional aspects of analysis, design, construction, evaluation and use of interactive systems.

An IFIP TC13 Pioneer has contributed in one or several of the four main elements below:
1. IFIP involvement through TC13, working groups or SIGs or in the organization of the INTERACT conference.
2. Publications (multiple full papers) at INTERACT and attending numerous INTERACT conferences.
3. Significant research contribution (possibly with specific (new) application domains).
4. A pioneer in the original meaning of the word, either in the area of HCI or in a local area (region or country) in the world.

The 2020/2021 Committee who considered the IFIP TC13 Pioneer awards comprised Paula Kotzé (South Africa, Past Pioneer, Committee Chair), Helen Petrie (United Kingdom, Past Pioneer), Geraldine Fitzpatrick (Austria, Past Pioneer), Anirudha Joshi (India, Past Pioneer) and Janet Wesson (South Africa). The Committee considered eleven nominations for the Award.

The Committee unanimously decided to honour six candidates with the 2020/2021 IFIP TC13 Pioneer Award:
- Marco Winckler (France)
- Peter Forbrig (Germany)
- Ann Blandford (United Kingdom)
- John M. Carroll (USA)
- Manfred Tscheligi (Austria)
- Monique Noirhomme-Fraiture (Belgium).

IFIP TC13 congratulates the 2020/2021 Pioneer Award winners for their fine work and pioneering achievements!

Commendation Summaries of the 2020/2021 Awardees

Marco Winckler, France

Marco Winckler is Professor of Human-Computer Interaction (HCI) at the Université Côte d'Azur and member of the SPARKS-WIMMICS team of the Laboratory I3S at Sophia Antipolis, France. His research addresses problems concerning the engineering of interactive systems, including how to describe interactive systems and how to evaluate user interfaces to detect problems in early phases of the development process. In recent years, his research has embraced themes of information visualization including methods for describing complex visualization pipelines (more specifically, for processing linked data/semantic Web data) and coordinated visualizations. He has been involved in numerous EU-supported and national research projects. He has served as secretary of IFIP TC13 since 2013. He is a member of the IFIP WG 13.4/2.7 (User Interface Engineering) and WG 13.2 (Methodologies for User-Centered Systems Design) (which he chaired from 2014 and 2019), and the IFIP Committee on Internet of Things. He also has been devoted to the organization and promotion of many conferences in the HCI field and, in particular INTERACT. He received the IFIP Silver Core Award in 2016, and the IFIP Outstanding Service Award in 2012.

Peter Forbrig, Germany

Peter Forbrig is Professor Emeritus of Software Engineering at the University of Rostock in Germany. He obtained his PhD in compiler construction in 1980 and his Habilitation in software engineering methods in 1987. Besides working in industry from 1981 to 1998 he was appointed as a full professor in 1994. His research interests include classical software engineering such as UML, design patterns and case tools. Additionally, he is interested in combining task-based development methods with object-oriented ones. His research combines human computer interaction (HCI) with software engineering. He has published several papers on software engineering and HCI. Peter has been engaged in IFIP activities since 2001, when he co-organized the workshop "Software and Usability Engineering Cross-Pollination: The First Step for Integrating Usability into Software Engineering" at INTERACT 2001 in Tokyo, Japan. Peter has been active in IFIP WG 13.2 (Methodologies for User-Centered Systems Design) (which he chaired from 2007 to 2013), WG 13.4 (User Interface Engineering), and as a programme committee member of INTERACT. Peter established the IFIP International Conference on Human-Centered Software Engineering (HCSE). Currently, he is an expert member of IFIP TC13.

Ann Blandford, United Kingdom

Ann Blandford is Professor of Human–Computer Interaction at University College London and formerly Director of UCL Interaction Centre (UCLIC) and of the UCL Institute of Digital Health. She has served as technical programme chair for various international conferences including IHM-HCI 2001, DSV-IS 2006, NordiCHI 2010 and ICHI 2016. She was Deputy Chair of IFIP WG 2.7/13.4 (2010-2013). She has chaired national research committees including SSAISB (1997-1999) and the UK Computing Research Committee (2016-18). She is the lead author on two Synthesis lectures: on Interacting with Information and on Qualitative Methods in HCI. She has led many research projects on the design of safety-critical systems and information systems, and has pioneered new approaches to studying and designing complex interactive systems, with a particular focus on health and wellbeing technologies. She works closely with healthcare engineers, clinicians and patients, exploring new approaches to applying HCI theory and methods to practical health technology projects. She has published widely on the design and use of interactive health technologies, and on how technology can be designed to better support people's needs and values, recognising that people are living complex lives and often managing complex health conditions.

John M. Carroll, United States of America

John M. Carroll is Distinguished Professor of Information Sciences and Technology at the Pennsylvania State University. His research is in methods and theory in human-computer interaction (HCI), particularly as applied to Internet tools for collaborative learning and problem solving, and design of interactive information systems. Previously, he was manager of the IBM User Interface Institute, and Department Head for Computer Science at Virginia Tech. He was the founding Vice Chair of IFIP WG 13.2 (Methodologies for User-Centered Systems Design), a keynote speaker at HCI conferences on five continents, and a member of many IFIP program committees. He received the IFIP Silver Core Award in 1998 and was elected IFIP Fellow in 2020. He has also received the Rigo Award and the CHI Lifetime Achievement Award from ACM, the Goldsmith Award from IEEE, and an honorary doctorate in engineering from Universidad Carlos III de Madrid. He is a fellow of AAAS, ACM, IEEE, the Human Factors and Ergonomics Society, the Psychonomics Society, the Society for Technical Communication, and the Association for Psychological Science. In 2018, he received the Faculty Scholar Medal in Social and Behavioral Science from Penn State.

Manfred Tscheligi, Austria

Manfred Tscheligi is Professor of Human-Computer Interaction (HCI) and Usability at the University of Salzburg, and Head of the Centre for Technology Experience at the Austrian Institute of Technology (AIT) GmbH. At the University of Salzburg, he leads the Centre for Human-Computer Interaction and is also currently Vice-Dean of the Faculty of Natural Science. He has been active in the fields of interactive systems, HCI, usability engineering, user interface design, user experience research as well as persuasive interfaces and behaviour change. His most recent work has been characterized by a special dedication to contextual interaction phenomena by investigating complex and specific contextual situations such as factories or cars. He was a pioneer in establishing HCI as an interdisciplinary field in Austria, including the establishment of a variety of national and international collaborations. His work is bridging basic research, applied research, education and professional training, as well as translation into industry (also by the early foundation of a usability and user experience consultancy company). He is very active in the HCI community (spanning different areas) either with contributing a variety of research results, participating in working groups (also TC13 related) or co-chairing relevant conferences (e.g. CHI, MobileHCI, ECSCW, HRI, AUI and Persuasive).

Monique Noirhomme-Fraiture, Belgium

Monique Noirhomme-Fraiture is Professor Emeritus from the Computer Science Faculty at the University of Namur, Belgium. Her specialities are probability statistics, data analysis, as well as human-computer interaction (HCI). During her career, she aimed to create a bridge between these domains within the French speaking communities in data mining (EGC) and HCI (AFIHM), specifically by co-organising conferences in Belgium and Luxemburg. With her students, she also developed several useful applications for people with disabilities. She has been involved in numerous EU-supported and national research projects. In particular, she coordinated an important European project with 17 partners in symbolic data analysis (ASSO), and a Walloon project on design and evaluation for internet ergonomic websites (DESTINE). She was the Belgian representative on IFIP TC13 from 1993 to 2016. She also served as Chair IFIP WG 13.3 (HCI, Disability and Aging), Vice-chair for Awards for TC13, and on several programme committees for INTERACT. She also co-organised several workshops under the WG 13.3 banner. She received the IFIP Silver Core Award in 2007.

Past IFIP TC13 Pioneer Awardees

- 2010: Brian Shackel (United Kingdom) and Liam Bannon (Ireland).
- 2013: Joëlle Coutaz (France), John Karat (USA), Gitte Lindgaard (Canada and Australia), Zhengjie Liu (China) and Gerrit van der Veer (Netherlands).
- 2014: Paula Kotzé (South Africa), Fabio Paternó (Italy) and Clarisse Sieckenius de Souza (Brazil).
- 2015: Julio Abascal (Spain), Philippe Palanque (France) and Annelise Mark Pejtersen (Denmark).
- 2016: Jan Gulliksen (Sweden), Alistair Sutcliffe (United Kingdom) and Susanne Bødker (Denmark).
- 2019: Anirudha Joshi (India), Geraldine Fitzpatrick (Austria, Australia), Helen Petrie (United Kingdom, Australia), Masaaki Korusu (Japan) and Simone Diniz Junqueira Barbosa (Brazil).

About IFIP Technical Committee 13 (IFIP TC13) on Human-Computer Interaction

Established in 1989, IFIP TC13 is an international committee of over 30 member national societies and 10 Working Groups, representing specialists in human factors, ergonomics, cognitive science, computer science, design, and related disciplines. IFIP TC13 aims to develop the science and technology of human–computer interaction (HCI) by encouraging empirical research, promoting the use of knowledge and methods from the human sciences in design and evaluation of computer systems; promoting better understanding of the relationship between formal design methods and system usability and acceptability; developing guidelines, models and methods by which designers may provide better human-oriented computer systems; and cooperating with other groups, inside and outside IFIP, to promote user-orientation and humanization in system design.

INTERACT is the flagship conference organized by the IFIP TC13. The next INTERACT Conference (INTERACT 2021 – www.interact2021.org/) will take place in Bari, Italy, 30 August 2021 to 3 September 2021.

For more detail, see: http://ifip-tc13.org/

About the International Federation for Information Processing (IFIP)

- IFIP is the leading multinational, apolitical organization in information and communications technologies and sciences.
- IFIP is recognized by United Nations and other world bodies.
- IFIP represents IT Societies from 56 countries or regions, covering all five continents with a total membership of over half a million.
- IFIP links more than 3500 scientists from academia and industry, organized in more than 101 Working Groups reporting to 13 Technical Committees.
- IFIP sponsors approximately 100 conferences yearly providing unparalleled coverage from theoretical informatics to the relationship between informatics and society, including hardware and software technologies, and networked information systems.

For more information on IFIP, see: http://www.ifip.org/

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