



Universität St.Gallen



Computer Science Insights @HSG - School of Computer Science

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On Being Challenged

Yvonne Rogers

Until now, the development of mobile, wearable and ubiquitous systems has been largely research and innovation-led. But changes are afoot. Similar to many other academic disciplines, there is growing pressure for the field to become more challenge-led. By this is meant carrying out research that addresses societal needs, such as global warming, through developing more sustainable and ethically accountable computing. In turn, it means being more mindful of its aspirations and more responsible for the methods used. However, embracing such a paradigm shift is likely to be far more difficult and demanding than ever before. In my talk, I will discuss the new dilemmas and challenges facing those who wish to embark on this new way of framing and doing research.

Yvonne Rogers is a Professor of Interaction Design, the director of UCLIC and a deputy head of the Computer Science department at UCL and a fellow of the Royal Society. Her research interests are in the areas of ubiquitous computing, interaction design and human-computer interaction. A central theme of her work is how to design interactive technologies that can enhance life by augmenting and extending everyday, learning and work activities. This involves informing, building and evaluating novel user experiences through designing, implementing and deploying a diversity of technologies. A current focus of her research is on human-centred data and people in the Internet of Things in urban settings. She is also researching what human-centred AI means in practice.

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