Automotive User Interfaces

Guest Editors:

Dr. Alexander Meschtscherjakov

Dr. Ronald Schroeter

Prof. Dr. Manfred Tscheligi

Deadline for manuscript submissions:
closed (1 August 2018)

Message from the Guest Editors

Dear Colleagues,

The overall goal of this Special Issue is to explore and evaluate *automotive* user interfaces, interaction design, and user experience. It targets original and scientifically-grounded research, as well as design-oriented research undertaken in the automotive realm.

This Special Issue is focused on novel multimodal technologies and interactions, such as rich touch, gesture interaction, Augmented Reality, etc. In a time of automation, we are also interested in new interaction approaches with Advanced Driver Assistant Systems and more broadly the interaction with automated vehicles. Approaches to study driver distraction and engagement, design for trust and ethics in automotive research are welcomed. Work on multimodal user interfaces in special vehicles, such as trucks or electric vehicles is appreciated. Submissions can include empirical and theoretical research, or be more interaction design focused, ranging from thought-provoking theory, novel methods, creative interaction concepts and innovative prototypes, to laboratory and field studies.

Dr. Alexander Meschtscherjakov
Prof. Dr. Manfred Tscheligi
Dr. Ronald Schroeter&

Special Issue