Automotive UI '14

www.auto-ui.org

6th International Conference on Automotive User Interfaces and Interactive Vehicular Applications
September 17-19, 2014, Seattle, Washington, USA

AutomotiveUI, the International Conference on Automotive User Interfaces and Interactive Vehicular Applications, is the premier forum for UI research in the automotive domain. **AutomotiveUI** brings researchers and practitioners interested in both the technical and the human aspects of in-vehicle user interfaces and applications. **AutomotiveUI'14** will address novel in-vehicle services, models of and concepts for enhancing the driver experience, driver performance and behavior, development of (semi-) autonomous driving, and the needs of different user groups.

TOPICS

AutomotiveUI'14 invites you to submit original work in one or more of the following formats: full and short papers, workshops, posters, interactive demonstrations, tutorials and industrial show-cases. Topics include, but are not limited to:

Devices & Interfaces
- Multi modal, speech, audio, gestural, natural I/O
- In-car gaming, entertainment and social experiences
- Applications and user interfaces for inter-vehicle communication
- Sensors and context for interactive experiences in the car
- Biometrics and physiological sensors as a user interface component

Automation & Instrumentation
- Automated Driving and Interfaces for (semi-) autonomous driving
- Head-Up Displays (HUDs) and Augmented Reality (AR) concepts
- Co-operative Driving/Connected Vehicles
- Assistive technology in the vehicular context
- Information access (search, browsing, etc.)
- Vehicle-based apps, web/cloud enabled connectivity

Evaluation & Benchmarking
- Methods and tools for automotive user interface research, including simulation
- Automotive user interface frameworks and toolkits
- Naturalistic/field studies of automotive user interfaces
- Automotive user interface standards
- Modeling techniques for cognitive workload and visual demand estimation

Driver Performance & Behavior
- Different user groups and user group characteristics
- Subliminal cues and feedback to augment driving behavior
- Emotional state recognition while driving
- Detecting/measuring driver distraction
- Detecting and estimating user intentions

IMPORTANT DATES

Please check the conference webpage at www.auto-ui.org for further information including possible updates to submission deadlines.

Category	Submission Deadline	Acceptance Notification	Final Version
Full and short papers	Fri, Apr 25, 2014	Mon, Jun 16, 2014	Fri, Jul 18, 2014
Workshop and tutorial proposals	Fri, Jun 6, 2014	Mon, Jun 23, 2014	N/A
Work in progress, Demos, Doctoral Colloquium	Fri, Aug 8, 2014	Fri, Aug 22, 2014	Fri, Sep 6, 2014

ORGANIZING COMMITTEE

General chair (*chair@auto-ui.org*)
- Linda Ng Boyle, University of Washington

Paper co-chairs (*papers@auto-ui.org*)
- Gary Burnett, University of Nottingham, UK
- Peter Froehlich, FTW-Telecommunications Research Center Vienna, Austria
- Shamsi Iqbal, Microsoft Research, US

PUBLISHING

We plan to publish the AutomotiveUI'14 Proceedings online via the ACM Digital Library. The Adjunct Proceedings of AutomotiveUI'14 will be published on the conference website. Proceedings may also be considered for printing under an ISBN carrier.

Join us in September 2014!