



Design and Mobility

Call for a Thematic Collection of Articles for the Design Science Journal

Mobility, the way people and goods move from place to place, has a dominant technological presence in our lives. Mobility impacts daily activities and both local urban and rural environments, and has long-term global effects. Recent technologies such as vehicle electrification, efficient energy and materials utilization, connectivity and autonomy are generating unusual design opportunities. Design decisions will have long-lasting impact. This thematic collection aims to explore the evolving relation between design and mobility from multiple perspectives.

Guest Editors:

Sandro Wartzack, FAU Erlangen-
Nuremberg, Germany
wartzack@mfk.fau.de

Thomas Vietor, TU
Braunschweig, Germany
t.vietor@tu-braunschweig.de

Andres Sevtsuk, Harvard
University, Boston, USA
asevtsuk@gsd.harvard.edu

Jeff Hartley, General Motors
Corp., Warren, USA
jeff.l.hartley@gm.com

Deadline for Submissions:

30th April 2017

Collection Theme Topics

Topics appropriate for this theme include, but are not limited to, the following:

- Design technologies for mobility, vehicle electrification, automated driving, information integration, connectivity, monitoring and sensing, human factors.
- New forms and concepts of mobility, micromobility, lightweight design, modularity, human-machine interface, mobility for the elderly, mobility beyond urbanization.
- Sustainable mobility, reduction of energy use and resources.
- Mobility and society, policy making, regulations, speed of technology adoption, risk management, planned transition, mobility behavior of the new generations of people, stakeholder integration.
- Role of designers and support tools for them to deal with the increased complexity of mobility challenges and possible solutions

For additional topics and other questions regarding this collection please contact any of the Guest Editors.

Partial list of committed contributors: Albert Albers (Karlsruhe Inst. of Technology), Kay W. Axhausen and Alex Erath (Swiss Federal Inst. of Technology, Zurich), Rainer Stark (Fraunhofer Berlin).

For all questions on the *Design Science* Journal please contact:

Panos Y. Papalambros, Editor in Chief <editor@descij.org>
or John S. Gero, co-Editor in Chief <co-editor@descij.org>.

