SAVE THE DATE

ACCESSIBLE HUBS

International workshop on Universal Design in urban mobility systems

8th and 9th November 2018

Hosted by the Urban Health Games Research Group

Technische Universität Darmstadt, Germany

project–mo.de
the mobility design project

uhg _Research Group Urban Health Games

TECHNISCHE UNIVERSITÄT DARMSTADT

Kindly supported by

DFG Deutsche Forschungsgemeinschaft

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↗ Accessible Hubs

The specific needs of persons with disabilities should be considered as a central component right from the beginning, rather than as afterthoughts when implementing Sustainable Development Goals (SDGs). Global NGOs recommend addressing topics such as multimodal travel chains, compact and mixed used urban planning, as well as multifunctional and *"complete"* streets and public spaces. In Germany, policies have been recently extended, with the goal that all public transport (and its infrastructure) will have to be *"fully barrier free"* by 2022. This leaves stakeholders worldwide with open questions as to what constitutes barriers in public space, and how can accessibility be implemented and connected to other SDGs. More interdisciplinary research is needed to identify physical and mental barriers, to better understand accessibility and to develop more integrated urban design solutions.

Mobility hubs can play a pivotal role in providing equal access for people with specific mobility needs. The workshop will look into intermodal mobility hubs (public or private places where passengers and cargo can change between different modes). Mobility hubs are evolving to address current societal changes in trade, digitalization and sharing economies.

The term Accessible Hubs highlights that accessibility should be in the centre of this development. The scientific objectives of this international workshop are:

➜ To identify urban design factors hindering further implementation of accessibility in mobility systems.

➜ To gain a better understanding of guiding principles suitable to co create, implement and assess accessibility in mobility hubs.

➜ To identify new alliances that will research and implement concepts of accessibility in urban mobility systems with regards to changing physical, social and digital affordances.

↗ Universal Design

A specific focus is given to **Universal Design** as *"a way of designing a building or facility, at little or no extra cost, so that it is both attractive and functional for all people, disabled or not"* (Mace, 1985). In other words, specific accessibility needs of people with motoric or cognitive impairments, young children, families with infants, the elderly, etc) are the starting point to develop solutions that are easier to use or to access for all. The workshop will address the following research questions:

➜ What are new alliances of stakeholders to implement Universal Design / Access for All principles in urban mobility hubs?

➜ What are specific urban design visions of **Accessible Hubs** in line with SDGs?

➜ What are factors that hinder / promote implementation of Access for All in urban mobility systems?

➜ What are guiding principles to assess Access for All in urban mobility design?

➜ What are new insights on the shape and structure of barriers that can be gained from selected interdisciplinary collaborations (i.e. environmental psychology, neuro urbanism)?

➜ How can relevant stakeholders be enabled to co design **Accessible Hubs**?

➜ What are new challenges and opportunities for **Accessible Hubs** arising from digitalization?

↗ The host resarch group

The Urban Health Games research group (UHG) of the Department of Architecture will be hosting the 1st International workshop on **Universal Design** in urban mobility systems. UHGs' research and teaching activities focus on the foundations and strategies of people-centred urban design. This includes issues of usable and accessible public space with its defining elements of space and building typologies, mobility systems and infrastructures, zoning, street surfaces and facades. UHG has been active in building new research collaborations between urban designers and health experts to address global challenges such as social exclusion, physically inactive lifestyles, diabetes and urban stress. Further information can be found on the UHG website:
www.stadtspiele.tu-darmstadt.de

The **Accessible Hubs** workshop is supported by by **project–mo.de** The Mobility Design Project, a multidisciplinary research cluster led by HfG Offenbach, investigating sustainable mobility systems in the Frankfurt Rhein-Main urban agglomeration (LOEWE SP IDG).

↗ Costs

The workshop is free to attend. Coffee / tea breaks and lunches will be provided for by the organizers. Accommodation and travel will have to be covered by the participants. However, there are a limited number of accommodations at special rates and travel support available. Please contact us for more information and to apply for travel support.

↗ The organising team

Martin Knöll / Marianne Halblaub Miranda / Gladys Vasquez Fauggier / Sabine Hopp /
Urban Health Games research group /
Technische Universität Darmstadt

↗ Keynote Speakers

Hansel Bauman /
DeafSpace Institute, Gaulladet University, Washington DC

Gaurav Raheja /
Centre for Excellence in Transportation Systems, Indian Institute of Technology (IIT), Roorkee, India

Jennifer J. Roe /
Centre for Design and Health, School of Architecture, University of Virginia, VA

↗ Further information

Please contact hubs@stadt.tu-darmstadt.de
or visit www.stadtspiele.tu-darmstadt.de/hubs

Host resarch group + support

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hfg OF_MAIN

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