

# PUBLIKATIONEN

## DIPL.-INF. TANJA DÖRING

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### 2013

- Axel Sylvester, Tanja Döring: **Urban Development with FabLabs**. Erscheint in: Shape your world with FabLabs, Transcript, 2013.
- Tanja Döring, Axel Sylvester, Albrecht Schmidt: **A Design Space for Ephemeral User Interfaces**. Full Paper erscheint in: Proceedings of TEI 2013 (Barcelona, Spain, 10.-13. Feb 2013), ACM, 2013.

### 2012

- Bastian Pfleging, Albrecht Schmidt, Tanja Döring, Ignacio Alvarez, Garrett Weinberg, Jennifer Healey: **AutoNUI: 2nd Intl. Workshop on Automotive Natural User Interfaces**. In: Adjunct Proceedings of the 4th International Conference on Automotive User Interfaces and Vehicular Applications. ACM, 2012.
- Bernard Robben, Tanja Döring, Roman Lissermann, Ernst-Eckart Schulze, Daniel Wessolek: **Be-greifbare Interaktion**. In: Mensch & Computer 2012 Workshopband, Oldenbourg, 2012, S. 117-119.
- Bastian Pfleging, Dagmar Kern, Tanja Döring, Albrecht Schmidt: **Reducing Non-Primary Task Distraction in Cars through Multi-Modal Interaction**. In: **it - Information Technology**. Jg. 54 (2012) Nr. 4, S. 179-187.
- Tanja Döring: **Material Selection in Tangible Interaction Design - Connecting Theory and Practice**. In: Adjunct Proceedings of DIS 2012 (Doctoral Consortium), 2012.
- Tanja Döring, Axel Sylvester, Albrecht Schmidt: **Exploring Material-Centered Design Concepts for Tangible Interaction**. In: CHI Extended Abstracts 2012, ACM, 2012, S. 1523-1528.
- Tanja Döring, Hidir Aras, Benjamin Walter-Franks, Marc Herrlich, Patrick Rodacker, Alena Penner, Rainer Malaka: **Using Gestural Interaction on Mobile Phones for Navigating 3D Information Spaces on Interactive Walls**. In: The 3rd Dimension of CHI (3DCHI): Touching and Designing 3D User Interfaces. Workshop at CHI 2012, 2012.
- Tanja Döring: **What HCI Can Learn From Material Iconography**. In: **From Materials to Materiality: Connecting Practice and Theory in HCI**. Workshop at CHI 2012, 2012.
- Tanja Döring, Axel Sylvester, Albrecht Schmidt: **Be-greifen „beyond the Surface“ – Eine Materialperspektive auf Tangible User Interfaces**. In: Bernard Robben, Heidi Schelhowe (Hrsg.): Be-greifbare Interaktionen - Der allgegenwärtige Computer: Touchscreens, Wearables, Tangibles und Ubiquitous Computing. Transcript Verlag, Bielefeld 2012, S. 115-134.

## 2011

- Bastian Pfleging, Albrecht Schmidt, Tanja Döring, Martin Knobel: **AutoNUI: 1st Intl. Workshop on Automotive Natural User Interfaces.** In: 3rd International Conference on Automotive User Interfaces and Vehicular Applications. ACM, 2011, S. 207-209.
- Bastian Pfleging, Tanja Döring, Michael Kienast, Albrecht Schmidt: **SpeeT: A Multimodal Interaction Style Combining Speech and Touch Interaction in Automotive Environments.** In: Adjunct Proceedings of the 3rd International Conference on Automotive User Interfaces and Vehicular Applications, 2011.
- Tanja Döring: **Material-Centered Design of Tangible User Interfaces. In: Reflexionen und Visionen der Mensch-Maschine-Interaktion.** Reihe 22 der Fortschritt-Berichte des VDI Verlags, 2011, S. 50-51.
- Axel Sylvester, Steffi Beckhaus, Tanja Döring, Thorstel Juckel, Roland Schröder-Kroll: **Sozialitätssinn und Scheuklappen im Social Web - Erfahrungen aus einer SoundVision Konversation.** In: Alsleben K., Eske A. (Hrsg.): felix aestheticus (edition kuecokokue). 2011, BoD, S. 65-68.
- Tanja Döring: **Drei Gedanken zu HCI | MMK.** In: Alsleben K., Eske A. (Hrsg.): felix aestheticus, edition kuecokokue. BoD, 2011, S.114-116.
- Tess Speelpenning, Alissa Antle, Tanja Döring, Elise van den Hoven: **Exploring How Tangible Tools Enable Collaboration in a Multi-Touch Tabletop Game.** In: Interact 2011. Springer, Lissabon (Portugal) 2011, S. 605-621.
- Albrecht Schmidt, Tanja Döring, Axel Sylvester: **Changing How We Make and Deliver Smart Devices: When Can I Print Out My New Phone?** In: IEEE Pervasive Computing10(4), 2011, S.6-9.
- Tanja Döring, Dagmar Kern, Paul Marshall, Max Pfeiffer, Johannes Schöning, Volker Gruhn, Albrecht Schmidt: **Gestural Interaction on the Steering Wheel - Reducing the Visual Demand.** In: Proceedings of CHI 2011. ACM, Vancouver (Canada) 2011, S. 483-492.
- Tanja Döring: **Material-Centered Design and Evaluation of Tangible User Interfaces.** In: Proceedings of TEI 2011 (GSC). Funchal, Portugal 2011, S. 437-438.

## 2010

- Tanja Döring, Axel Sylvester, Albrecht Schmidt: **Das "Soap Bubble Interface" - eine ephemere Benutzungsschnittstelle.** In: Konferenzband Mensch und Computer 2010. Oldenbourg, 2010, S. 377-380.
- Tanja Döring, Alireza Sahami Shirazi, Albrecht Schmidt: **Exploring Gesture-Based Interaction Techniques in Multi-Display Environments with Mobile Phones and a Multi-Touch Table.** In: PPD10: Workshop on coupled display visual interfaces (in conjunction with AVI 2010). Rom, Italien 2010, S. 419.
- Tanja Döring, Bastian Pfleging, Christian Kray, Albrecht Schmidt: **Design by Physical Composition for Complex Tangible User Interfaces.** In: CHI '10 Extended abstracts on human factors in computing systems. ACM, Atlanta, GA (USA) 2010, S. 3541-3546.

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- Axel Sylvester, Tanja Döring, Albrecht Schmidt: **Liquids, Smoke, and Soap Bubbles: Reflections on Materials for Ephemeral User Interfaces**. In: Proceedings of the Fourth international Conference on Tangible, Embedded, and Embodied interaction (TEI '10). ACM, New York, Cambridge, Massachusetts, USA 2010, S. 269-270.

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- Tanja Döring, Antonio Krüger, Albrecht Schmidt, Johannes Schöning: **Tangible, Embedded, and Reality-Based Interaction**. In: it - Information Technology , Jg. 51 (2009) Nr. 6, S. 319-324.
- Alireza Sahami Shirazi, Tanja Döring, Pouyan Parvahan, Bernd Ahrens, Albrecht Schmidt: **Poker Surface: Combining a Multi-Touch Table and Mobile Phones in Interactive Card Games**. In: Adjunct Proceedings of the 11th international Conference on Human-Computer interaction with Mobile Devices and Services (MobileHCI'09). Bonn, Germany 2009.
- Tanja Döring, Steffi Beckhaus, Albrecht Schmidt: **Towards a Sensible Integration of Paper-Based Tangible User Interfaces into Creative Work Processes**. CHI '09 Extended abstracts on Human factors in computing systems. ACM Press, 2009, S. 4627-4732.
- Elba Valderrama Bahamóndez, Tanja Döring, Albrecht Schmidt: **Mobile Phone and Learning in Latin America**. In: International Conference on Mobile Learning 2009. IADIS, Barcelona, Spain 2009.

## 2008

- Tanja Döring, Paul Holleis, Albrecht Schmidt: **Playful, Shareable and Creative - Three Examples for New Directions in User Interface Design**. In: Shareable Interfaces for Learning Workshop. Shareable Interfaces for Learning Workshop, University of Sussex, Brighton (UK) 2008.
- Steffi Beckhaus, Roland Schröder-Kroll, Tanja Döring, Thorsten Juckel: **SoundVision – Ton zu Bild und Bild zu Ton, eine vernetzte Konversation**. In: Workshop Proceedings der Tagung Mensch & Computer 2008. Oldenbourg, 2008.
- Tanja Döring, Steffi Beckhaus: **Bildmotive be-greifen - Die Verwendung von Bildkarten als Arbeitsmittel in kunsthistorischer Forschung und Lehre**. In: Workshop Proceedings der Tagung Mensch & Computer 2008. Oldenbourg, 2008.
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- Tanja Döring: **Gestaltung eines papierbasierten Tangible Interface zur Unterstützung kunsthistorischer Arbeitstechniken**. In: Gesellschaft für Informatik (Hrsg.): Informatiktage 2008. Fachwissenschaftlicher Informatik-Kongress. GI-Edition Lecture Notes in Informatics (LNI), 2008, S. 119-122.

## 2007

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- Tanja Döring: **Gestaltung eines papierbasierten Tangible User Interface zur Unterstützung kunsthistorischer Arbeitstechniken.** Diplomarbeit. Universität Hamburg, 2007.