

Anna Vallgård  
Associate Professor  
Interaction Design  
People and Computational Things

Postadresse: IxD lab (5A58)  
E-mail: akav@itu.dk  
Telefon: +45 7218 5096  
Hjemmeside: <http://akav.dk/>



## Publikationer

### **PregnancyCubes: A design process to cultivate tensions**

Vallgård, A., Wagner-Eckert, C., Mølhave, C. B. & Bewley, H., 8 okt. 2022, I: *Proceedings of NordiCHI*. s. 1 13 s., 94.

### **Designing with Emerging Science: Developing an Alternative Frame for Self-Tracking**

Jenkins, T., Boer, L., Homewood, S., Almeida, T. & Vallgård, A., 2 dec. 2020, *32nd Australian Conference on Human-Computer Interaction*. Association for Computing Machinery

### **Gut-Tracking as Cultivation**

Boer, L., Bewley, H., Jenkins, T., Homewood, S., Almeida, T. & Vallgård, A., 6 jul. 2020, *DIS '20: Proceedings of the 2020 ACM Designing Interactive Systems Conference*. ACM, s. 561-574

### **Putting Phenomenological Theories to Work in the Design of Self-Tracking Technologies**

Homewood, S. & Vallgård, A., 3 jul. 2020, *DIS '20: Proceedings of the 2020 ACM Designing Interactive Systems Conference*. Association for Computing Machinery, s. 1833-1846

### **Removal as a Method: A Fourth Wave HCI Approach to Understanding the Experience of Self-Tracking**

Homewood, S., Karlsson, A. & Vallgård, A., 3 jul. 2020, *DIS '20: Proceedings of the 2020 ACM Designing Interactive Systems Conference*. Association for Computing Machinery, s. 1779-1791

### **Designers in White Coats: Deploying Ovum, a Fertility Tracking Device**

Homewood, S., Boer, L. & Vallgård, A., 25 apr. 2020, *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems*. New York: Association for Computing Machinery

### **Careful Devices: A design manifesto for humane domestic healthcare technology**

Jenkins, T., Vallgård, A., Boer, L., Homewood, S. & Almeida, T., 19 nov. 2019, *Proceedings of the Halfway to the Future Symposium 2019*. Nottingham, United Kingdom: Association for Computing Machinery, 30

### **Doing Things with Research through Design: With What, with Whom, and Towards What Ends?**

Andersen, K., Chatting, D., Boucher, A., Jenkins, T., Desjardins, A., Devendorf, L., Gaver, W., Odom, W., Pierce, J. & Vallgård, A., 4 maj 2019, *CHI EA '19 Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems*. New York, NY, USA: Association for Computing Machinery, 8 s. W13

### **A Design Perspective on Future Healthcare Services for the Home Environment**

Ludden, G. D. S. & Vallgård, A., 29 dec. 2018, *Service Design and Service Thinking in Healthcare and Hospital Management*. Springer, s. 155-167

### **Time, Temporality, and Slowness: Future Directions for Design Research**

Odom, W., Lindley, S., Pshetz, L., Tsaknaki, V., Vallgård, A., Wiberg, M. & Yoo, D., 9 jun. 2018, *Proceedings of the 2018 ACM Conference Companion Publication on Designing Interactive Systems*. New York, NY: Association for Computing Machinery, s. 383-386 4 s. (Proceedings of the 2018 ACM Conference Companion Publication on Designing Interactive Systems).

### **Experimental Engineering: Articulating and Valuing Design Experimentation**

Vallgård, A., Grönvall, E. & Fritsch, J., 10 jun. 2017, *Proceedings of the 2017 ACM Conference Companion Publication on Designing Interactive Systems*. Association for Computing Machinery, s. 197-201 4 s.

### **Giving Form to a Hedonic Haptics Player**

Boer, L., Vallgård, A. & Cahill, B., 10 jun. 2017, *DIS '17: Proceedings of the 2017 Conference on Designing Interactive Systems*. Association for Computing Machinery, s. 903-914 12 s.

### **Provoking Performing Objects: Expanding the Design Space for Soft Robotics**

Bewley, H. & Vallgård, A., 10 jun. 2017, *DIS '17 Companion: Proceedings of the 2017 ACM Conference Companion Publication on Designing Interactive Systems*. Association for Computing Machinery, s. 243-247 5 s.

### **The Hedonic Haptics Player: A Wearable Device to Experience Vibrotactile Compositions**

Boer, L., Vallgård, A. & Cahill, B., 10 jun. 2017, *DIS '17 Companion: Proceedings of the 2017 ACM Conference Companion Publication on Designing Interactive Systems*. Association for Computing Machinery, s. 297-300 4 s.

### **The Things of Design Research: Diversity in Objects and Outcomes**

Jenkins, T., Andersen, K., Gaver, B., Odom, W., Pierce, J. & Vallgård, A., 6 maj 2017, *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems*. Association for Computing Machinery, s. 652-659

### **Embodied Design Ideation Methods: Analysing the Power of Estrangement**

Wilde, D., Vallgård, A. & Tomico, O., 2 maj 2017, *CHI '17 Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems*. Association for Computing Machinery, s. 5158-5170 13 s.

### **Material Programming**

Vallgård, A., Boer, L., Tsaknaki, V. & Svanæs, D., 27 apr. 2017, *I: interactions*. 24, 3, s. 36-41 5 s.

### **The Hedonic Haptic Player**

Vallgård, A., Boer, L. & Cahill, B., 2017, *I: International Journal of Design*. 11, 3, s. 17-33

### **Material Programming: a Design Practice for Computational Composites**

Vallgård, A., Boer, L., Tsaknaki, V. & Svanæs, D., 23 okt. 2016, *Proceedings of the 9th Nordic Conference on Human-Computer Interaction (NordCHI '16)*. New York, USA: Association for Computing Machinery, 10 s. 46

### **Things Fall Apart: Unpacking the Temporalities of Impermanence for HCI**

Tsaknaki, V., Cohn, M., Boer, L., Fernaeus, Y. & Vallgård, A., 23 okt. 2016, *Proceedings of the 9th Nordic Conference on Human-Computer Interaction (NordCHI '16)*. New York, USA: Association for Computing Machinery, 3 s. 141

### **FeltRadio: Sensing and Making Sense of Wireless Traffic**

Gronvall, E., Fritsch, J. & Vallgård, A., 4 jun. 2016, *Proceedings of the 2016 ACM Conference on Designing Interactive Systems: DIS '16*. Association for Computing Machinery, s. 829-840

### **Material Programming: A New Interaction Design Practice**

Vallgård, A., Boer, L., Tsaknaki, V. & Svanæs, D., 4 jun. 2016, *Proceedings of the 2016 ACM Conference Companion Publication on Designing Interactive Systems: DIS '16 Companion*. Association for Computing Machinery, s. 149-152

### **Attending to Objects as Outcomes of Design Research**

Jenkins, T., Andersen, K., Gaver, W., Odom, W., Pierce, J. & Vallgård, A., 7 maj 2016, *Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems: CHI EA '16*. Association for Computing Machinery, s. 3423-3430 (ACM Annual Conference on Human Factors in Computing Systems (CHI)).

### **A basic form-language for shape-changing interfaces**

Winther, M. T. & Vallgård, A., feb. 2016, *Proceedings of the 10th International Conference on Tangible, Embedded, and Embodied Interaction: TEI '16*. New York: Association for Computing Machinery, s. 193-201

### **Temporal form in interaction design**

Vallgård, A., Winther, M. T., Mørch, N. & Vizer, E. E., dec. 2015, I: *International Journal of Design*. 9, 3, s. 1-15 15 s.

### **Interaction Design as a Bricolage Practice**

Vallgård, A. & Fernaeus, Y., jan. 2015, *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction: TEI 2015*. New York: Association for Computing Machinery, s. 173-180 8 s.

### **Un-Crafting: Exploring Tangible Practices for Deconstruction in Interactive System Design**

Murer, M., Vallgård, A., Jacobsson, M. & Tscheligi, M., jan. 2015, *Proceedings of the Ninth International Conference on Tangible, Embedded, and Embodied Interaction*. New York: Association for Computing Machinery, s. 469-472 4 s.

### **Ajna: negotiating forms in the making of a musical cabinet**

Fernaeus, Y. & Vallgård, A., 2014, *Proceedings of the 2014 conference on Designing interactive systems (DIS'14)*. Association for Computing Machinery, 10 s.

### **Giving form to computational things: developing a practice of interaction design**

Vallgård, A. K. A., 2014, I: *Personal and Ubiquitous Computing*. 18, 3, s. 577-592 16 s.

### **The Dress Room: responsive spaces and embodied interaction**

Vallgård, A., 2014, *NordiCHI '14 Proceedings of the 8th Nordic Conference on Human-Computer Interaction: Fun, Fast, Foundational*. Association for Computing Machinery, s. 618-627

### **Materiality Matters-Experience Materials**

Wiberg, M., Ishii, H., Dourish, P., Vallgård, A. K. A., Kerrige, T., Sundström, P., Rosner, D. & Rolston, M., mar. 2013, I: *interactions*. 20, 2, s. 54-57 4 s.

### **IXD Lab, IT University of Copenhagen**

Vallgård, A., 2013, I: *interactions*. 20, 4, s. 84-87

### **"Material interactions": from atoms & bits to entangled practices**

Vallgård, A., 2012.

### **A Material Focus: Exploring Properties of Computational Composites**

Vallgård, A. K. A. & Sokoler, T., 2009, *CHI EA '09: Proceedings of the 27th international conference extended abstracts on Human factors in computing systems*. Association for Computing Machinery, s. 4147-4152 6 s.

### **Computational Composites: Understanding the Materiality of Computational Technology**

Vallgård, A. K. A., 2009, IT-Universitetet i København.

### **Developing Knowledge for Design by Operationalizing Materials**

Vallgård, A. K. A. & Bendixen, C., 2009, *Proceedings of the Nordic Design Research Conference: Engaging Artifacts*. Nordes, 10 s.

### **Material focus: Exploring properties of computational composites**

Sokoler, T. & Vallgård, A. K. A., 2009, *Proceedings of the 27th international conference on Human factors in computing systems*. Association for Computing Machinery, s. 4147-4152

### **Symbiots: Conceptual Interventions Into Urban Energy Systems**

Bergström, J., Mazé, R., Redströmand, J. & Vallgård, A. K. A., 2009, *Nordic Design Research Conference: Engaging Artifacts*. Nordes, 10 s.

### **PLANKS: a computational composite**

Vallgård, A. K. A., 2008, *ACM International Conference Proceeding Series: NordiCHI 2008 Building Bridges, Proceedings of the 5th Nordic conference on Human-computer interaction*. Gulz, A., Magnusson, C., Malmberg, L., Efring, H., Jönsson, B. & Tollmar, K. (red.). Association for Computing Machinery, Bind 358. s. 569-574

**Computational composites**

Vallgård, A. K. A. & Redström, J., 2007, *Proceedings of the SIGCHI conference on Human factors in computing systems*. Association for Computing Machinery, s. 513 - 522