

Dagmar Reinhardt

Qualifications

Architecture, PhD, The University of Sydney

Award Date: 1 Apr 2010

Architecture/ Conceptual design, Master of Architecture, Staedelschule Frankfurt am Main

Award Date: 1 Jun 1999

Architecture, Diploma (Engineering), TU Technical University Hannover

Award Date: 1 Jun 1997

Employment

Research outputs

Computationally enabled material management: Learning from three robotically fabricated demonstrators

Pedersen, J. & Reinhardt, D. (Editor), 2023.

Robotic drawing communication protocol: a framework for building a semantic drawn language for robotic fabrication

Pedersen, J. & Reinhardt, D. (Editor), 2023, In: *Construction Robotics*. 6, p. 239-249 p.

Timber framing 2.0: An interdisciplinary study into computational timber framing.

Pedersen, J. & Reinhardt, D., Sept 2022, *Design Modelling Symposium: Towards Radical Regeneration*. Springer

Hand-Drawn Digital Fabrication: Calibrating a visual communication method for robotic fabrication

Pedersen, J. & Reinhardt, D., Jun 2021, In: *Construction Robotics*. 5, 2, p. 159-173 14 p.

Robotic Braille and Spatialmaps: Combining Tactile and Visual Narratives

Reinhardt, D., Sonne-Frederiksen, P. F., Solberg, T., Sarfelt, L. J., Christensen, B. & Biagi, M., Feb 2021, *Space and Digital Reality: Ideas, Representations/ Applications and Fabrication*. Soolep, J., Karine, K. & Ojari, A. (eds.). p. 68-12 p. (Eesti Kunstiakadeemia arhitektuuriteaduskond. Toimetised).

Augmented Drawn Construction Symbols: A Method for Ad Hoc Robotic Fabrication

Pedersen, J., Neythalath, N., Hesslink, J., Søndergaard, A. & Reinhardt, D., Sept 2020, In: *International Journal of Architectural Computing*. 18, 3

Reading With Your Hands: Robotic Braille and Tactile Narratives

Reinhardt, D., Sonne-Frederiksen, P. F., Solberg, T., Sarfelt, L. J., Christensen, B. & Biagi, M., Dec 2019, *Aarhus School of Architecture*. 132 p.

Ghost in the Machine: Scanning Agency

Reinhardt, D. (Curator), Oct 2019

Robot Braille: Combining tactile and visual Narratives

Reinhardt, D., 11 Sept 2019.

Future Nature - Coral Colonies, Synthetic Biologies

Reinhardt, D. (Producer), 5 Sept 2019

Synthetic Biologies: Future Nature [2018]

Reinhardt, D. (Producer), 24 Apr 2018

Projects

Systems Reef 2
Reinhardt, D. (PI)
10/06/2019 → 21/02/2020