Please join Industrial Design TU/eindhoven Contributions of the department of Industrial Design, TU Eindhoven, The Netherlands to CHI'18

During CHI’18 we celebrate a successful year for the Department of Industrial Design of TU Eindhoven, The Netherlands. In December 2017, an international committee of top-ranking scholars in HCI and design reviewed our research program and the department received recognition of being very good in research quality, excellent in relevance to society and very good in viability. Our presence at CHI’18 is a reflection of this achievement, for which we would like to invite you to visit our paper presentations, workshops, case studies, video showcases and demos. We look forward to see our alumni, colleagues and friends and hope to meet many new people!

On behalf of our department, Prof. Lin-Lin Chen (Dean) and Prof. Berry Eggen (Research Director) wish you an inspiring conference.
**Workshops**

**Saturday, April 21, 2018 - 9:00**
Workshop: W01
NC/DeMentia Workshop: Engaging People Living with Dementia |
Amanda Lázár, Austin Toombs, Kellice Morrissey, Gail Koning, Jennifer Boger, Rens Blankenaert

**Saturday, April 21, 2018 - 9:00**
Workshop: W02
The Body as Starting Point: Exploring Inside and Around Body Boundaries for Body-Centric Computing Design |
M.C. Schoofel, Elise van den Hoven, Josh Andres

**Saturday, April 21, 2018 - 9:00**
Workshop: W06
Chinese CHI 2018 Workshop |
Zhiyang Fu, Xing-Dong Yang, Haiping Mi, Jun Hu

**Saturday, April 21, 2018 - 9:00**
Workshop: W11
Disruptive Improvisations: Making Use of Non-Deterministic Art Practices in HCI |
Kristina Andersen, Laura Devendev, James Pierce, Ron Wakaray, Daniela Rosner

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**Paper presentations**

**Monday, April 23, 2018 - 16:30**
Paper Session: User experience and acceptance Biology of the Thomastat: Affecting the Emotional Experience through Interactive Force Feedback and Shape Change |
Anke van Oosterhoud, Miguel Bruno Alonso, Sata Jamiskio Pykkö

**Tuesday, April 24, 2018 - 16:00**
Paper Session: The things of the Internet of Things Design Vocabulary for Human-Iot Systems Communication |
Yoliang Chang, Lin-Lin Chen, Yogo Liu

**Tuesday, April 24, 2018 - 16:00**
Paper Session: Tangibles RFIDBricks: Interactive Building Blocks Based on RFID |
Meng-Ju Hsieh, Rong-Hao Liang, Do-Yuan Huang, Peng-Yu Ke, Bing-Yu Chen

**Tuesday, April 24, 2018 - 14:00**
Paper Session: Design Aesthetics Attending to Slowness and Temporality with Olly and Slow Game: A Design Inquiry into Supporting Longer-Term Relations With Everyday Computational Objects |
William Odom, Ron Wakaray, Xiaoyi Bertran, Matthew Harlens, Garret Hervé, Jeroen Hol, Henry Liu, Bream Muis, Perry Tan, Pepijn Verburg

**Tuesday, April 24, 2018 - 14:00**
Paper Session: Design Aesthetics Exploring the Value of Parent Tracked Baby Data in Interactions with Healthcare Professionals: A Data-enabled Design Exploration |
Jannie van Kollenburg, Sandor Biggers, Helleen Rutjes, Eva Deckers, Joep Fenris, Caroline Hummels

**Tuesday, April 24, 2018 - 14:00**
Paper Session: Social Collaboration Share and Share Alike? Social Information and Interaction Style in Coordination of Shared Use |
Karim Riemannsverdiert, Thomas van de Werff, Harm van Essen, Berry Eggen

**Tuesday, April 24, 2018 - 11:00**
Paper Session: Shape Changing Grand Challenges in Shape-Changing Interface Research |
Jason Alexander, Anne Rousaud, Jürgen Steinke, Kasper Hornbæk, Miguel Bruno Alonso, Sean Follmer, Timothy Merritt

**Tuesday, April 24, 2018 - 11:00**
Paper Session: Designing Care Exploring the Value of Parent Tracked Baby Data in Interactions with Healthcare Professionals: A Data-enabled Design Exploration |
Jannie van Kollenburg, Sandor Biggers, Helleen Rutjes, Eva Deckers, Joep Fenris, Caroline Hummels

**Thursday, April 26, 2018 - 11:00**
Paper Session: Provoking Design Imagery Design Workbooks: Constructive Criticism and Practical Provocation |
Mark Blithe, Enrique Encinas, Jofshof Kaye, Mikram Luciek Avery, Rob McCabe, Kristina Andersen Philosophers Living with the Tilting Bowl |
Ron Wakaray, Deenjo Oogjes, Henry Liu, Sabrina Hauser

**Thursday, April 26, 2018 - 11:00**
Paper Session: Shape Changing Grand Challenges in Shape-Changing Interface Research |
Jason Alexander, Anne Rousaud, Jürgen Steinke, Kasper Hornbæk, Miguel Bruno Alonso, Sean Follmer, Timothy Merritt

**Case studies**

**Monday, April 23, 2018 - 11:30**
Case Study: Bringing Data to Life HCI Interventions for Science Communication |
Vicki Moulder, Lorna R. Boschman, Carmen Neustaedter, Ron Wakaray, Hiroki Hibinoy Kobayashi

**Monday, April 23, 2018 - 11:30**
Case Study: Meditation and Movement Let’s Walk and Talk: A Design Case to Integrate an Active Lifestyle in Daily Office Life |
Ida Daren, Rens Blankenaert, Steven Vas Towards Ultra Personalized 3D Printed Shoes |
Ray Robert Nightgall, Oscar Tomico, Ron Wakaray, Stephanie Wensveen, Pauline van Dongen, Leonie Tenthof van Noorden

**Tuesday, April 24, 2018 - 17:30**
Digital Possessions in the Museum Approaching the Museum Deploying a new Museum Approach in Designing Technologies for Older People |
Johanna Nicenboim, Masako Kitaoka, Anna Torralba Marín, Martin Hovanes

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**Demos**

D200: Digital Possessions in the Museum of Broken Relationships |
Daniel Herron, Wendy Mcuraj, Marjia Curic, Drazen Grubidić, Olinka Vižintinić, Elise van den Hoven

D202: A Showcase of Data-enabled Design Explorations |
Sander Bogers, Janne van Kollenburg, Helleen Rutjes, Eva Deckers, Joep Fenris, Caroline Hummels

D313: Biofidget Demo: Biofeedback for Respiratory Training Using an Augmented Fidget Spinner |
Rong-Hao Liang, Bin Yu, Mengru Xue, Jun Hu, Loe Feijs

D302: Connected Resources: A Novel Approach in Designing Technologies for Older People |
Johanna Nicenboim, Masako Kitaoka, Anna Torralba Marín, Martin Hovanen

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**Video showcases**

**Wednesday, April 25, 2018 - 17:30**
Biofidget: Biofeedback for Respiratory Training Using an Augmented Fidget Spinner |
Rong-Hao Liang, Bin Yu, Mengru Xue, Jun Hu, Loe Feijs

IdleBot: Exploring Non-Engaging Interaction Design in Personal Spaces |
BioFidget: Biofeedback for Respiration Training Using an Augmented Fidget Spinner |
Rong-Hao Liang, Bin Yu, Mengru Xue, Jun Hu, Loe Feijs

Case Study: Meditation and Movement Let’s Walk and Talk: A Design Case to Integrate an Active Lifestyle in Daily Office Life |
Ida Daren, Rens Blankenaert, Steven Vas Towards Ultra Personalized 3D Printed Shoes |
Ray Robert Nightgall, Oscar Tomico, Ron Wakaray, Stephanie Wensveen, Pauline van Dongen, Leonie Tenthof van Noorden

**Case Study: Meditation and Movement**

**Case Study: Meditation and Movement**

**Biofidget Demo: Biofeedback for Respiratory Training Using an Augmented Fidget Spinner**

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