desform19.org
desform19@mit.edu

DESFORM 2019
CONFERENCE PROGRAM

DAY 1
WEDNESDAY, OCTOBER 9TH, 2019

Samberg Center, 6th Floor
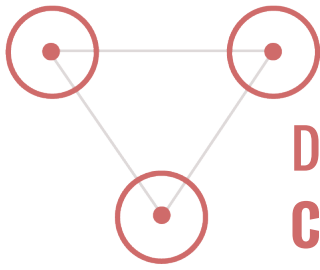Building E52, MIT Campus
50 Memorial Drive,
Cambridge, MA 02139

3.00	Registration opens
3.30 - 3.45	Welcome & Introduction
3.45 - 4.30	Panel Presentations. **Beyond Digital. Designing with Living Things**

*Orkan Telhan, PhD
Cofounder, Chief Design &
Technology Officer
Biorealize Inc.*

Jiwon Woo, Biodesigner

*Jorge Duro-Royo,
Mediated Matter Group,
MIT Media Lab*

4.30 - 4.45	Break
4.45 - 5.30	**Panel Discussion / Q&A** Moderated by Scott Penman
6.00 - 8.00	**Conference Reception**

DAY 2
THURSDAY, OCTOBER 10TH, 2019

Samberg Center 6th Floor
Building E52, MIT Campus
50 Memorial Drive,
Cambridge, MA 02139

8.15 - 9.00	Registration & Breakfast
9.00 - 9.15	**Welcome** *Federico Casalegno*
9.15 - 9.30	**Conference Opening Words** *Yihyun Lim, Sara Colombo Conference Chairs*
9.30 - 10.30	**Keynote Presentation Martin Wattenberg** *Google PAIR (People + AI Research)*
10.30 - 10.45	Coffee Break
10.45 -	Paper Session 1. **Design Manifestos. What's Next?**
10.45 - 11.05	**Future Forecasting Wicked Problems: A New Framework For Design** *Filippo Sanzeni, Ashley Hall, Paul Anderson*
11.05 - 11.25	**Eventual Design for an Emergent World** *Nathan Felde*

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DAY 2 (continued)

11.25 - 11.45
The Decentralization Turns in Design: An Exploration Through the Maker Movement
Massimo Menichinelli, Priscilla Ferronato

11.45 - 12.00
Coffee Break

12.00 -
Paper Session 2.
Interacting with Domestic Intelligences

12.00 - 12.20
The Domestic Shape of AI: A Reflection on Virtual Assistants
Davide Spallazzo, Martina Scianname, Mauro Ceconello

12.20 - 12.40
Conversational Smart Products: a Research Opportunity, First Investigation and Definition
Ilaria Vitali, Venanzio Arquilla

12.40 - 2.30
Lunch /
Short Paper Poster + Demo Sessions

2.30 -
Paper Session 3A.
Interacting with Urban Intelligences (I)

2.30 - 2.50
AI-to-Microbe Architecture: Simulation, Intelligence, Consciousness
Dennis Dollens

2.50 - 3.10
Envisioning and Questioning Near Future Urban Robotics
Maria Luce Lupetti, Nazli Cila

3.10 - 3.30
Robot Citizenship: a Design Perspective
Maria Luce Lupetti, Roy Bendor, Elisa Giaccardi
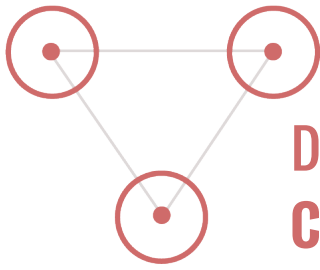
3.30 - 3.45
Coffee Break

3.45 -
Paper Session 3B.
Interacting with Urban Intelligences (II)

3.45 - 4.05
Towards Transparency Between the Autonomous Vehicle and the Pedestrian
Selin Zileli, Stephen Boyd Davis, Jiayu Wu

4.05 - 4.25
The Coerced User and the Era of the Smart City Dissonance
Guy Cherni, Roee Bigger

4.25 - 5.30
Keynote Presentation Matthias Rauterberg
Full Professor for "Interactive Systems Design"
Department of Industrial Design Eindhoven University of Technology , TU/e (The Netherlands)

7.00 - 930
Conference Dinner
(*Details to be announced*)

DAY 3
FRIDAY, OCTOBER 11TH, 2019

Bartos Theater
Building E15 Lower Level
20 Ames Street
Cambridge, MA 02139

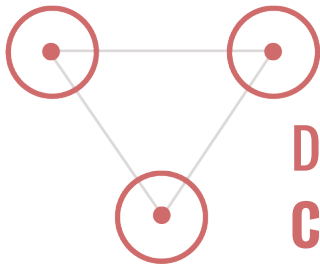|	
8.15 - 9.00	Registration & Breakfast
9.00 - 9.15	Welcome
9.15 - 10.15	**Keynote Presentation** **Charles Johnson** *Global Director Innovation, PUMA*
10.15 -	**Paper Session 4.** **New Interfaces for** **Complex Ecosystems**
10.15 - 10.35	**Drawing Interfaces: When** **Interaction Becomes** **Situated and Variable** *Ilaria Mariani, Tommaso Livio,* *Umberto Tolino*
10.35 - 10.55	**Individual Mid-Air Gesture** **Informed by Conceptual** **Metaphors: A Case Study on** **How Users Generate Mid-Air** **Gesture Sets to Control** **Video Streaming** *Gulben Sanli Eren*
10.55 - 11.15	**A Pedagogy for Noticing -** **Soma Literacy and the** **Designer** *Stephen Neely*
11.15 - 11.30	Coffee Break

11.30 -	**Paper Session 5.** **Smart and Multi-Sensory** **Systems for Behavior Change**
11.30 - 11.50	**Designing Phygital Activities** **in a Smart Multisensorial** **Room: A Collaborative** **Cognitive Environment for** **Children with and without** **Disabilities** *Micol Spitale, Agnese Piselli,* *Franca Garzotto, Barbara Del* *Curto*
11.50 - 12.10	**Recommendations when** **Designing to Address** **Procrastination: A** **Psychological Perspective** *Helen Andreae, Abigail Durrant,* *Steven Kyffin*
12.10 - 12.30	**R2S: Designing a Public** **Augmented Printed Media** **System to Promote Care Home** **Residents' Social Interaction** *Kai Kang, Jun Hu, Bart Hengeveld,* *Caroline Hummels*
12.30 - 2.15	Lunch + **Workshop / Participatory** **Performance**

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DAY 3 (continued)

2.15 - — **Paper Session 6.**
Design and Semantics for Health and Inclusion

2.15 - 2.35 — **Nova Creatio: A Clinical Perspective on Rehabilitative Everyday Objects for People with Chronic Stroke**
Mailin Lemke, Edgar Rodriguez Ramirez, Brian Robinson

2.35 - 2.55 — **The Semantics of Conspicuity: Design Strategies to Address Conspicuity in Type 1 Diabetes Medical Devices for Adolescents**
Madeleine J. Hazelton, Gillian M. McCarthy, Edgar R. Rodriguez Ramirez

2.55 - 3.15 — **Sitting Still: Seat Design for a New Head-Only MRI Scanner**
Christy Wells, Edgar Rodriguez Ramirez, Mailin Lemke, Benjamin Parkinson

3.15 - 3.35 — **Designing Research Prototype for the Elderly: A Case Study**
Cun Li, Jun Hu, Bart Hengeveld, Caroline Hummels

3.35 - 3.50 — Coffee Break

3.50 - — **Paper Session 7.**
Designing with Humans, Machine Intelligence and Data

3.50 - 4.10 — **Plug-ins Jungle. Algorithmic Design as Inbuilt Dynamism Between Human and Artificial Creativity**
Giuseppe Bono, Pilar Maria Guerrieri

4.10 - 4.30 — **Defining a Data Impact Tool for Design Courses**
Laura Varisco, Margherita Pillan, Patrizia Marti

4.10 - 5.00 — **Closing Words**

DAY 4
SATURDAY, OCTOBER 12TH, 2019

11.00 - 4.00 — Cutural Event.
Boston Brewing & Beyond
Craft Beer Brewery Tour of Boston

(Details to be announced - Please bring comfortable walking shoes)

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