

# Engineering Social Technologies for a Responsible Digital Future

PhD school Research seminar – 12<sup>th</sup> December, 2019 – 13:00 to 16:00

## SEMINAR THEME AND OBJECTIVES

Digital society is shaped by software, algorithms, Wi-Fi routers, telecom backbones, smart devices, sensors, protocols, data, models and high tech systems. These tools and building blocks of our digital society are not neutral. Digital technologies are not only enabling technologies, but they are also constitutive technologies in the sense that they change the very nature of the institutions, practices and activities they are applied to. This seminar employs a complexity science approach for better understanding of socio-technical-environmental systems and discussing participatory and crowd-sourced approaches to data collection and model validation. Together with various experts, this seminar explores the social and moral issues at stake and discusses a range of aspects regarding ethics, design for values, and responsible innovation as foundations for the creation of a liveable and sustainable digital society.

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## Opening Talk: 13:00 - 13:25



Prof. dr. Dirk Helbing  
ETH Zurich, TU Delft

To achieve a democratic digital future, the world needs to change how it thinks about technology. We need to build open, participatory information ecosystems that empower everyone in the global economy to contribute ideas, talent, and resources. In a networked world, where everything we do affects others, we must learn to think beyond ourselves, and pursue cooperation, co-creation, co-evolution, and collective intelligence.

**nervousnet**

**FuturICT 2.0**

## Closing Remarks: 15:35 - 16:00



Prof. dr. Jeroen van den Hoven - TU Delft

## Drinks and Networking Event

16:00 – 17:30 Delft

### Location

Wim Crouwel Hall, Faculty of Industrial Design (building 32 wing A-1-960)

### Route

Enter the building at the main entrance. Take the stairs to the first floor. Hall U - Wim Crouwel

## PhD School Website



## Agenda

### Opening Talk: 13:00 - 13:25

### First Session: 13:30 - 14:25

#### Urban Resilience

13:30 – 14:00



**Title:** Urban disaster resilience & role of information

**Dr. Tina Comes** - Associate Professor and Delft Technology Fellow on Designing Resilience

14:05 – 14:25



**Title:** OPEN SOURCE URBANISM: Networked Peer Production of Citizen Initiatives

**Sergei Zhilin** - PhD Candidate at TU Delft

### Second Session: 14:35 - 15:30

#### Digital Democracy

14:35 – 15:05



**Title:** Digitally redesigning liberal democracy

**Dr. Haye Hazenberg** – Senior Policy Officer 'Digital Society' at Ministry of the Interior and Kingdom Relations

15:10 – 15:30



**Title:** Resolution of social manipulation in online social networks

**Amir Fard** - PhD candidate at TU Delft

### Closing Remarks: 15:35 - 16:00

## TIME / LOCATION / ATTENDANCE

- Date: 12 December, 2019 from 13:00 – 16:00
- Drinks and Networking event afterwards In Delft: 16:00 – 17:30
- Location: Wim Crouwel Hall, Faculty of Industrial Design, TU Delft
- Attendance is free and with no registration required, unless you are a PhD candidate and you want to use this seminar in the TPM GS seminar series for graduate school credits. In such case, please confirm your presence by sending an email to Prof. Dr. Dirk Helbing [dhelbing@ethz.ch]

