

CONFERENCE

# clean-IT

## Agenda

Wednesday, October 25, 2023

### 09:00 Welcome and Introduction

**Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

### 09:15 Keynote

**Daniela Kluckert**  
Parliamentary State Secretary at the Federal Ministry of Digital and Transport

### 09:30 Keynote

**Dr. Ceren Susut-Bennett**  
U.S. Department of Energy | Associate Director of Advanced Scientific Computing Research

### 09:45 Panel 1: clean-IT Summit: What is the Climate Impact of Digitalization?

**Moderation: Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

**Prof. Dr. Johan Rockström**  
Potsdam Institute for Climate Impact Research | Director

**Prof. Dr. Lynn H. Kaack**  
Hertie School | Head of Computer Science and Public Policy

**Dr. Ceren Susut-Bennett**  
U.S. Department of Energy | Associate Director of Advanced Scientific Computing Research

**John Platt**  
Google | Distinguished Scientist

**Prof. Dr. Bernhard Schölkopf**  
Max Planck Institute for Intelligent Systems | Director

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### 10:45 Coffee Break

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### 11:15 Keynote

**Dr. Philipp Herzig**  
SAP SE | Head of Cross Product Engineering & Experience

### 11:30 Panel 2: Revolutionize Logistics and Transportation

**Moderation: Prof. Dr. Andreas Polze**  
Hasso Plattner Institute | Chair for Operating Systems and Middleware

**Claudia Pohl**  
Deutsche Bahn | Head of Data Intelligence Center

**Carl-Magnus Norden**  
Volta Trucks | Founder

**Prof. Dr. Patrick van der Smagt**  
VW Group | Director of Machine Learning Research Lab

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### 12:30 Lunch Break

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### 13:30 Keynote

**Prof. Dr. Dirk Messner**  
German Environment Agency | President

### 13:45 Panel 3: Revolutionize Construction - Building Smarter

**Moderation: Prof. Dr. Tilmann Rabl**  
Hasso Plattner Institute | Chair for Data Engineering Systems

**Philipp Erler**  
GROPYUS | Co-Founder & Chief Technology Officer

**Thomas Quante**  
Bosch | Chief Executive Officer of Bosch Building Technologies

**Prof. Dr. Christoph Reinhart**  
Massachusetts Institute of Technology | Director of the Building Technology Program

**Prof. Dr. Lucio Soibelman**  
University of Southern California | Director of the Foundation for Cross-Connection Control and Hydraulic Research

### 14:45 Panel 4: Revolutionizing Energy Production and Distribution

**Moderation: Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

**Dr. Nuria Gonzalez-Garcia**  
betteries | Head of Research & Technology

**Vida Rozite**  
International Energy Agency | Head of the Digital Demand Driven Electricity Networks (3DEN) initiative

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### 15:45 Coffee Break

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### 16:15 Panel 5: Revolutionizing Manufacturing

**Moderation: Dr. Michael Perscheid**  
Hasso Plattner Institute | Chair representative of Prof. Hasso Plattner

**Cordelia Thielitz**  
Schneider Electric | Vice President of Strategy Europe Operations

**Prof. Dr. Klaus-Dieter Thoben**  
Universität Bremen | Managing Director of "Bremer Institut für Produktion und Logistik" (BIBA)

### 17:15 Panel 6: How to Measure Energy Consumption of Digital Systems?

**Moderation: Prof. Dr. Tilmann Rabl**  
Hasso Plattner Institute | Chair for Data Engineering Systems

**Prof. Dr. Håkan Grahn**  
Blekinge Institute of Technology | Head of Department of Computer Science

**Jens Gröger**  
Öko-Institut | Senior Researcher

### 18:15 Wrap Up (Day 1)

**Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

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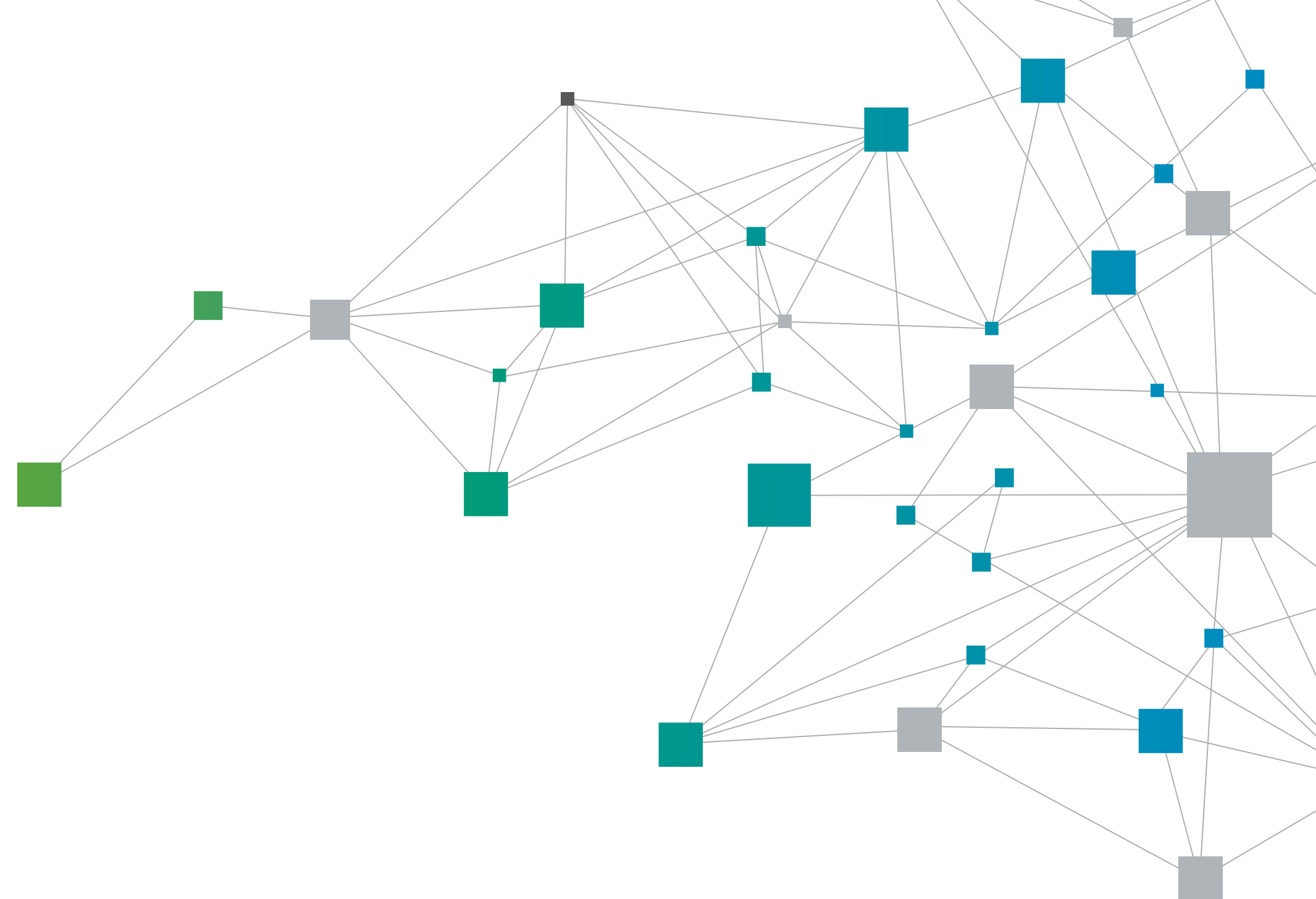
### 18:30 Dinner

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## Agenda

Thursday, October 26, 2023

### 09:00 Welcome and Introduction

**Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

### 09:20 Panel 7: HPI AI Service Center

**Moderation: Prof. Dr. Holger Karl**  
Hasso Plattner Institute | Chair for Internet Technologies  
and Softwarization

**Dr. Peter Steinbach**  
Helmholtz-Zentrum Dresden-Rossendorf | Team Lead Helmholtz  
Artificial Intelligence Consulting

**Filiz Elmas**  
DIN-German Institute for Standardization | Head of Strategic  
Development Artificial Intelligence

**Dr. Feiyu Xu**  
Nyonic | Co-Founder & Chief Innovation Officer

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### 10:50 Coffee Break

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### 11:15 Keynote

**Daniel Mes**  
European Commission | Cabinet member of Executive Vice  
President Frans Timmermans on digital aspects of the European  
Green Deal

### 11:30 Panel 8: Revolutionize Digital Systems and AI

**Moderation: Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

**Prof. Dr. Christian Mayr**  
Dresden University of Technology | Chair for Highly-Parallel VLSI  
Systems and Neuro-Microelectronics

**Dr. Sadasivan Shankar**  
Stanford University | Research Technical Manager at SLAC  
National Accelerator Laboratory

### 12:30 Signing Ceremony HPI: Energy Efficiency in Computing Pledge of the DoE

**Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

**Dr. Ceren Susut-Bennett**  
U.S. Department of Energy | Associate Director of Advanced  
Scientific Computing Research

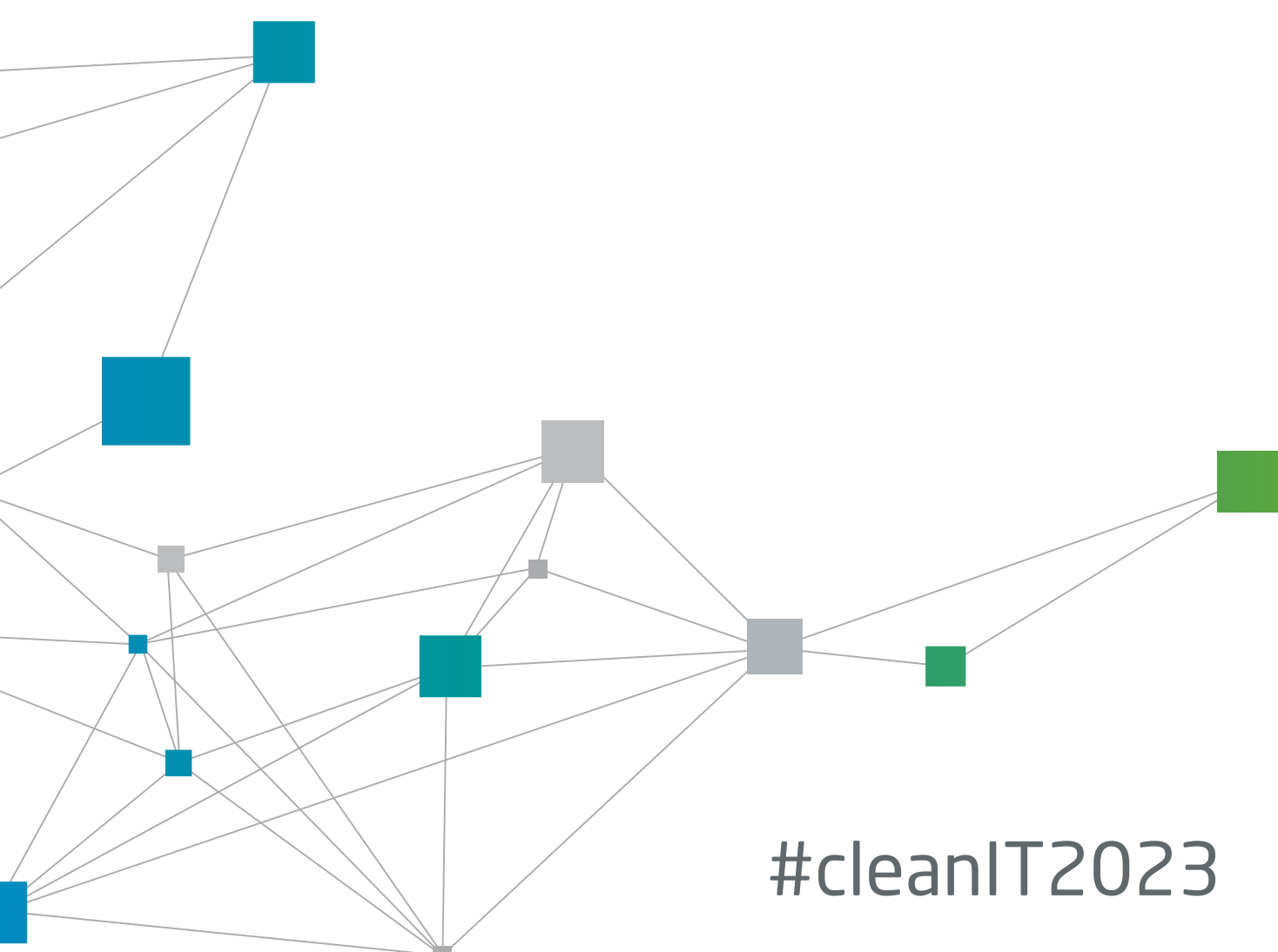
### 12:45 Wrap Up (Day 2)

**Prof. Dr. Ralf Herbrich**  
Hasso Plattner Institute | Managing Director

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### 13:00 Lunch / End of the Conference

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