

# Sustainable District Heating and Cooling - Digitalisation and Energy Efficiency

12th September 2018 at the DHC2018 at the Holcim Auditorium



Energieforschungsverbund  
Hamburg - EFH

HCU

HafenCity Universität  
Hamburg

THE 16<sup>TH</sup>  
INTERNATIONAL SYMPOSIUM  
on District Heating and Cooling

- 10:00 Uhr Welcome, introduction and presentation of Energieforschungsverbund Hamburg with a key note on the findings of the Symposium DHC2018  
HafenCity University Hamburg – Prof. Dr. Ingo Weidlich
- 10:10 Uhr Presentation of the EFH Research contact / Cluster Renewable Energies Hamburg
- 10:15 Uhr **Integration of Renewable Energies into the Hamburg District Heating Network**  
Hamburg Institut – Mr. Christian Maaß  
(Presentation 15 Min + Discussion 5 Min)
- 10:35 Uhr **Challenges in integrating CO2 neutral excess heat in DH & digitalization@heat.hamburg**  
Vattenfall Wärme Hamburg GmbH – Dr. Julia Westerweck  
(Presentation 15 Min + Discussion 5 Min)
- 10:55 Uhr **Cold district heating networks, an innovative solution for low exergy heat and cold supply – conceptual aspects and practical experiences**  
enisyst GmbH – Dr. Dirk Pietruschka  
(Presentation 15 Min + Discussion 5 Min)
- 11:15 Uhr **Large Heat Pumps in District Heating**  
AGFW GmbH – Dr. Jens Kühne  
(Presentation 15 Min + Discussion 5 Min)
- 11:35 Uhr **The GEWISS Project Hamburg – GEographical Heat Information and Simulation System**  
HAW Hamburg – Prof. Dr. Wolfgang Renz  
(Presentation 15 Min + Discussion 5 Min)
- 11:55 Uhr **Heat Dispatch Centre – Symbiosis of renewable generation units for sustainable thermal energy supply**  
FfE - Forschungsgesellschaft für Energiewirtschaft mbH – Ms. Britta Kleinertz
- 12:15 Uhr **The effect of parallel energy consumption on the district heating system**  
Tallinn University of Technology – Dr. Eduard Latõšov  
(Presentation 15 Min + Discussion 5 Min)
- From 12:35 Uhr Catering  
Networking and possibility of direct exchange between Presenters, EFH representatives and other participants.