

# Summer School



Halmstad University  
School of Information Technology

## Cyber-Physical Systems

June 11-15, 2018, Halmstad, Sweden



**Erika Abraham**  
RWTH Aachen University

*Reachability Analysis Techniques for Hybrid Systems*



**De-Jiu Chen**  
KTH Royal Institute of Technology

*Dependable Autonomous Systems*



**Thao Dang**  
CNRS/Verimag

*Semi-formal Validation of CPS*



**Sinem Coleri Ergen**  
Koc University

*Wireless Network design for Cyber-Physical Systems*



**Taylor T. Johnson**  
Vanderbilt University

*Design-Time and Runtime Verification for Safe Autonomous Cyber-Physical Systems*



**Karl Meinke**  
KTH Royal Institute of Technology

*Analysis of Cyber-Physical Systems using Machine Learning*



**Dorsa Sadig**  
Stanford University

*Safe and Interactive Robotics*



**Elisabeth Uhlemann**  
Mälardalen University

*Timely and Reliable Wireless Vehicular Communications*

[http://ceres.hh.se/CPS\\_2018](http://ceres.hh.se/CPS_2018)