



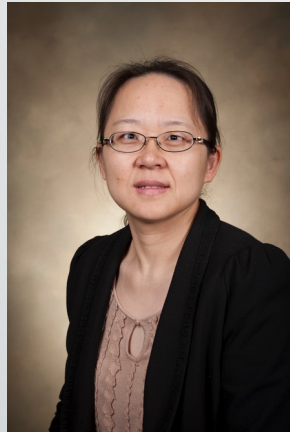
American Modelica Conference 2020

Online Conference
September 22nd - September 24th
Mountain Daylight Time



Zheng O'Neill, Session Chair

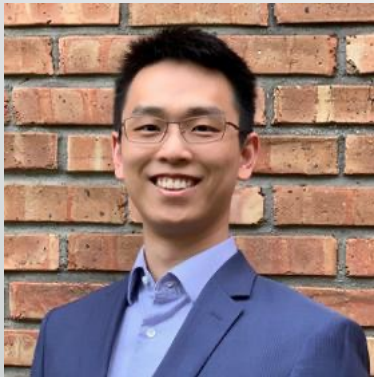
Thermofluid Systems & HVAC, 11:15am to 12:15pm, September 22nd, 2020



Dr. Zheng O'Neill is an Associate Professor and J. Mike Walker '66 Faculty Fellow II in J. Mike Walker '66 Department of Mechanical Engineering at Texas A&M University.



Fast Simulations of Air Conditioning Systems Using Spline-Based Table Look-Up Method (SBTL) with Analytic Jacobians



Lixiang Li, Modelon Inc, USA

Fast Simulations of Air Conditioning Systems Using Spline-Based Table Look-Up Method (SBTL) with Analytic Jacobians.

Lixiang Li¹, Jesse Gohl¹, John Batteh¹, Christopher Greiner², Kai Wang²

¹Modelon Inc, USA

²Ford Motor Company, USA



Data-driven Prediction of Occupant Presence and Lighting Power: A Case Study for Small Commercial Buildings



Jing Wang, University of Colorado Boulder, USA

Data-driven Prediction of Occupant Presence and Lighting Power: A Case Study for Small Commercial Buildings

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Development and Verification of Control Sequences for Single-Zone Variable Air Volume System Based on ASHRAE Guideline 36



David H. Blum,
Lawrence Berkeley
National Laboratory,
USA

Development and Verification of Control Sequences for Single-Zone Variable Air Volume System Based on ASHRAE Guideline 36

Kun Zhang, David H. Blum, Milica Grahovac, Jianjun Hu, Jessica Granderson, Michael Wetter
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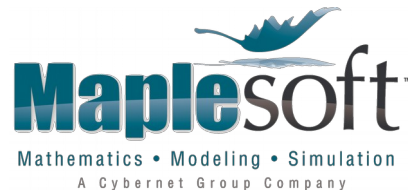
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