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CONTENTS

- Workshop video BDTIC May2022: https://youtu.be/Z6LVrWMNVvw
- Presenters
- Introduction:
 - Expected slow progress
 - We have to follow any strategy for making simulation profitable and useful
 - The challenge of storage and coordination
 - Simulation for **Realtime** vs other flavours, why?
 - Real dynamics and control problems affects health (not only comfort or energy savings) – ventilation with covid-19



Sergio Costa / Typhoon Hill

What is Software in the loop and how it can help with coordination of electrical systems and storage



Qian Wang / KTH

Training simulation concepts to engineers. How is the learning curve?





Valeria Palomba / CNR

SIL approach for HVAC and storage integration in buildings



Francesco Milani / ARC

New EU projects for coordinating grid districts and storage. The challenge and new solutions





Raymon Sterling PhD/ R2M



How simulation can help predicting the thermal inertia of a building and how to play with it