



**IEEE 7th World Forum on Internet of Things
20-24 June 2021 // New Orleans, Louisiana, USA**

Theme: The Impact of Artificial Intelligence on IoT

**Special Session on IoT Empowered Multi-Energy Systems
(in conjunction with WF-IoT 2021)**

Organizing Committee	Call for Papers
<p>Chairs:</p> <ul style="list-style-type: none"> • Aaron Ding, TU Delft • Vedran Peric, TU Munich • Zian Qin, TU Delft 	<p>To achieve CO₂ neutral energy system, many loads are being electrified. Nonetheless, 100% electrification of all energy consumption might not be the ultimate solution or the most efficient way of energy utilization. For instance, there is large demand of heat, which if supplied directly by the heat in the nature will be much more efficient than a heat-electricity-heat multi-stage conversion. Different energy vectors have different dynamics and energy density. Therefore, if they are properly bridged together, there is huge potential to make the most of energy storage in a very cost-effective way, e.g., heat pumps have a much lower cost than batteries with similar energy capacity. IoT would be a key technology to connect multi-energy vectors together, and coordinate them properly to achieve higher energy efficiency and lower cost of energy.</p> <p>Topics of interest include, but are not limited to:</p> <ul style="list-style-type: none"> • IoT enabled energy management system • IoT infrastructure of multi-energy system • IoT multi-energy demonstration projects
<p align="center">Paper Submission Guidelines</p>	
<p>All final submissions should be written in English with a maximum paper length of six (6) printed pages see web conference for instructions. Papers must be submitted through https://epapers.org/wf-iot2021/ESR/login.php. See conference web page for instructions: https://wfiot2021.iot.ieee.org/authors-proposers/</p>	
<p align="center">Important Dates</p>	
<p>Paper submission deadline: March 22, 2021 Paper acceptance notification: April 22, 2021 Camera-ready submission: May 15, 2021</p>	