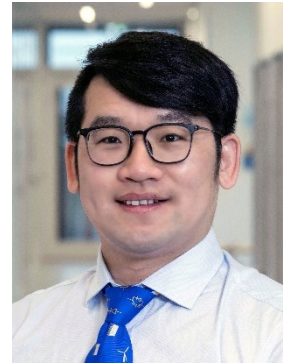


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Speaker's name and affiliation

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Short Bio

Yongheng YANG (SM'17) earned his B.Eng. degree from Northwestern Polytechnical University, China, in 2009, and his Ph.D. degree from Aalborg University, Denmark, in 2014. He pursued postgraduate studies at Southeast University, China, from 2009 to 2011 and was a Visiting Scholar at Texas A&M University, USA, from March to May 2013. From 2014 to 2020, he was associated with the Department of Energy Technology at Aalborg University, where he achieved the rank of tenured Associate Professor in 2018. In January 2021, he joined Zhejiang University in China as a ZJU100 Professor. He became a Zhejiang Top-notch Scholar in 2023, awarded to him to tackle the issues for large-scale grid integration of renewable energy. His research focuses on grid-friendly integration of photovoltaic systems and control of power converters, specifically grid-forming technologies. Dr. Yang was Chair of the IEEE Denmark Section in 2019-2020 and is an Associate Editor for IEEE Transactions on Power Electronics and IEEE Transactions on Sustainable Energy. He received the 2018 *IET Renewable Power Generation* Premium Award. He was the recipient of the 2021 Richard M. Bass Outstanding Young Power Electronics Engineer Award from the IEEE Power Electronics Society (PELS) and the 2022 IEEE Isao Takahashi Power Electronics Award. In addition, he has received three IEEE Best Paper Awards, and the Excellent Paper Award of CSEE Journal of Power and Energy Systems in 2023. He was included on the Highly Cited Chinese Researchers list by Elsevier in 2022-2024. He is presently a Vice Chair of the IEEE PELS Technical Committee on Sustainable Energy Systems and a Council Member of the China Power Supply Society.