

Alberto Benato-CV

Alberto Benato received the B.E. and M. Sc. degrees in Energy Engineering from the University of Padova, Italy, in 2007 and 2010, respectively. In 2015, he received the Ph.D. degree in Industrial Engineering - Curriculum Energy Engineering with the European Label from the University of Padova. In 2018, after three years of Post-doc, he joined the Department of Industrial Engineering of the University of Padova staff as Junior Assistant Professor. Since 2021, he is Assistant Professor of Energy Conversion Systems and Machines at the Department of Industrial Engineering of the University of Padova. His main research interests include analysis and modeling of renewable energy systems and waste heat recovery units, techno-economical optimization of renewable- and fossil-based power generation systems, dynamic analysis of hybrid systems with storage, and numerical optimization of thermal energy storage for electricity applications. He is author of 100 scientific works; 57 have been published in International Journals with significant Impact Factor while 43 are Proceedings of National and International Conferences. He also published 4 book chapters, contributed to 14 technical reports, and patented a thermal energy storage layout for large-scale electricity applications.