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Pietro Asinari is Full Professor of heat and mass transfer and Director of the Multiscale Modeling Laboratory (SMaLL, <https://www.polito.it/small>) at the Politecnico di Torino. He graduated with honors in Mechanical Engineering in 2001 and received his PhD in Energy Engineering in 2005, winning the ENI-Italgas award for Energy and the Environment. He is a member of the Management Committee of the European Council for Material Modeling (EMMC, <https://emmc.info>). He is an international member of the Advisory Committee of the American OpenKIM project (<https://openkim.org>) for interatomic models. He is a member of the Executive Committee of the Italian Union of Thermo-fluid dynamics (UIT). He is a member of the editorial board of the journal Heliyon (Elsevier) since 2016. He is responsible for numerous European (eight projects in H2020) and national projects. His research lies in the field of energy and environmental sustainability, in particular regarding the use of renewable sources for the production of drinking water, the heat and mass transfer in energy devices, and the modeling of materials. He has published 100 articles in international journals, including Nature Sustainability and Nature Communications.