DR. MATTEO PINI

Dr. Pini obtained the Master of Science in 2010 and the PhD in 2014 in Energy Engineering both at Politecnico di Milano (Milan, Italy). During the doctoral studies he envisaged and developed the first discrete adjoint method for non-ideal fluid flows (e.g. supercritical flows, dense vapors).

At the beginning of 2014 he was appointed as Assistant Professor at the Flight Performance and Propulsion Section of Delft University of Technology where he joined the Propulsion and Power group.

His current research interests are devoted to design and analysis of unconventional turbomachinery (e.g. ORC turbines), adjoint-based methods for non-ideal fluid flows, and the study of two-phase flows close to the critical point of fluids.