



**Rachele Bertolini** is a distinguished researcher in the field of Industrial Engineering. She graduated with honors in Material Engineering from the University of Padua in 2014 and earned her PhD in Industrial Engineering in 2019 from the same university. Bertolini has contributed extensively to research, focusing on innovative machining strategies as well as on the impact of surface integrity on the performance of machined components. Currently, she holds an assistant professor position at the University of Padua, where she continues to explore innovative manufacturing technologies and materials science.