



JACOPO TABAGLIO

ABOUT ME

Curious about new inputs and people, not afraid of rewarding challenges. Engineering mindset and passionate about scientific research.

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PREVIOUS WORK EXPERIENCE

Bike repair shop

Piacenza
Summer intern, 2017

FIELD OF INTEREST

Metallic/ceramic materials

Material design

R&D for structural applications

LANGUAGE

English (C1)

Deutsch (B1)

WORK EXPERIENCE

2024 - currently
CNR - ISSMC, Faenza, Italy

Research assistant - UHTC group

Currently continuing my work on ultra-high temperature ceramics 3D-printing and sintering at the National Research Council facilities in Faenza. With help and guidance from Dr. Laura Silvestroni, I'm learning how to utilize the best equipment and techniques for forming, sintering and analyzing ceramic materials, with a constant focus on innovation.

EDUCATION

2021-2023
Politecnico in Milan

Master in Materials Engineering and Nanotechnology

Completed my thesis with professor A. Grande on 3D-printed ceramic structures infiltrated with Ti-alloy as structural materials at CNR facilities in Faenza and Lecco. I presented my results in a poster session at the YCN Workshop in Aveiro, Portugal. Enjoyed various elective courses in Mechanical and Aerospace Engineering departments.

2018-2021
Università degli Studi di Padova

Bachelor in Chemical and Materials Engineering

I focused on the materials curriculum, with a thesis on Photocatalytic properties of PEO coatings containing TiO₂ dust from waste. My supervisors Katya Brunelli and Luca Pezzato helped me to gain my first experience in a lab. I also attended AIM (Italian Association of Metallurgy) webinars on wet phase surface treatments.