



Anna Chiara Bressi

Academic History

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[Anna Chiara Bressi](#)

Exchange Program | July 2022 - Sep 2022

Erasmus+ Traineeship Scholarship

Institute of Bioproducts and Paper Technology - Technische Universität Graz, Graz (Austria)

Visiting Research Period | Mar 2022 - Apr 2022

Institute of Solid State Physics - Technische Universität Graz, Graz (Austria)

Doctor of Philosophy in Biorobotics | Dec 2021 - Present

Institute of Biorobotics - Scuola Superiore Sant'Anna, Pisa (Italy)

The research topic is Laser-Induced Graphene for sensing applications obtained from green precursors.

Exchange Program | Feb 2019 - Dec 2019

EXTRA-UE Bilateral Agreements Scholarship

Department of Aeronautical Engineering - Universidade de São Paulo, São Carlos (Brazil)

Master of Science in Space Engineering | Sep 2018 - Apr 2021

Department of Aerospace Science and Technology - Politecnico di Milano, Milano (Italy)

Final mark: 108/110

Professional qualification as Industrial Engineer - Section A | June 2021

Bachelor's Degree in Aerospace Engineering | Oct 2015 - Sep 2018

Department of Aerospace Science and Technology - Politecnico di Milano, Milano (Italy)

Languages

Italian | Mother tongue

English | C1 (FIRST 2014, TOEIC 2018)

Portuguese | C1 (CELPE-BRAS 2022)

Spanish | A2

French | A2 (DELFI 2010)

German | A1

Russian | A1

Formation courses

Oil & Gas Industry Operations and Markets | 2021

Microsoft Excel advanced | 2021

Lean Six Sigma introduction | 2021

Career Service Award | 2020

Scientific Divulgateion | 2020

Brainbow | 2020

Science, Technology, Society and

Wikipedia - IDEA League | 2020

Astronomia prática | 2019

ReDSHIFT Space Debris | 2018

Work Experience

MSc thesis co-supervisor

Scuola Superiore Sant'Anna, Pisa (Italy) | Apr 2022 - Present

Co-supervisor of one M.Sc. student for a project about Laser-Induced Graphene obtained from bio-derived precursors.

Tutor for laboratory training

Scuola Superiore Sant'Anna, Pisa (Italy) | Apr 2022 - June 2022

Tutor of one M.Sc. Student for a laboratory training project focused on wettability (static contact angle measurements).

Mechanical designer CAD-CAM

Caast S.p.A., Mariano Comense (Italy) | Jun 2021 - Nov 2021

R&D materials engineer for sealing solutions in the aerospace and oil&gas fields.

Exchange office secretary

Politecnico di Milano, Milano (Italy) | Jul 2020 - Feb 2021

Assistant of the student advisors of Politecnico di Milano international office.

Translator

Privates, online | Feb 2020 - Apr 2020

Translated, online | July 2020 - Present

Language combinations: EN -> IT and PT -> IT.

Hobbies

Sailing, photography, travelling and learning new languages.

Softwares

Microsoft Office package, VBA

LaTeX

Matlab, Simulink

Solidworks, Inventor

Nastran, Ansys

LabVIEW

Universal Analysis

Adobe Illustrator

Publications

- L. Pernigoni, A. C. Bressi, A. M. Grande; "Experimental characterization of self-healing nanocomposite and multilayer samples for space applications". 26th A.I.D.A.A. Congress proceedings, 2021.

Activities

ESN volunteer | Feb 2020 - Present

Student association that supports and develops student exchange opportunities.

TETO Brasil volunteer | June 2019 - Dec 2019

Organisation that aims to overcome poverty through community engagement and the mobilization of young volunteers.

Skyward Experimental Rocketry | Oct 2016 - Dec 2018

Student association that design, build and flies amateur rockets.

Polimi Sailing Team | Oct 2015 - Sep 2018

Student association that design, build and race boat prototypes.

Soft skills

Assertive communication

Conflict resolution

Creativity

Empathy

Event planning

Leadership

People and time management