

University Academic Curriculum Vitae

Personal information Davide Don

Education since leaving school

- 2017, Bachelor of Environmental Engineering (University of Padova);
- 2019, Master of Environmental Engineering (University of Padova),
- 2023, First Level Master in Strategic Environmental Management (University of Padova)

Present appointment

- Scientific Researcher at Fraunhofer Italia Research
- 2021
- Senior researcher
- Fraunhofer Italia Research
- As part of the Bioeconomy and Sustainability Team (BES) at Fraunhofer Italy, I am managing both EU funded research projects and R&D projects in direct collaboration with the industry with a focus on the different aspects of industrial sustainability and circular economy, effectively supporting businesses to be "fit for future" and to face the digital and sustainable transition

Professional experience Chronological list of all previous employments (each with job title, starting and finishing dates, level, employer, responsibilities)

From / to	Job title	Name of academic Institution	Academic level	responsibilities
Sep 2019 – Feb 2021	Impact Analysis and Knowledge Bank Lead (Freelance)	Root	Junior researcher	My role at Root focused on the assessment of the sustainability performance of clients, their competitors and stakeholders, in order to determine the strengths and areas of improvement of the client and helping the team to define a tailored sustainability strategy
Oct 2020 – Feb 2021	Technical Sales Internship	SMA Green & Smart Solutions S.r.l	Intern	The focus of my position was to bridge the needs and assist the sales team and the engineering team in the development of Air Quality Monitoring projects for private and public clients.
Nov 2019 - Jul 2020	Environmental Engineering Internship	Golder Associates S.r.l		My main task in this experience was to assist the team/client with

				the management of remediation projects of contaminated service stations.
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Research and scholarships

Date granted	Award Holder(s)	Funding Body	Title	Amount received
01/04/2023	Fraunhofer Italia Research (Davide Don Project Manager)	European Union	EE4M – Engineering Excellence for the Mobility Value Chain	150K
28/07/2024	Fraunhofer Italia Research (Davide Don Project Manager)	European Union	SiToLub – Simulation Tool for the Development of Safe and Sustainable by Design Lubricants	367K

Publications

SUSTAINABLE MANUFACTURING THROUGH APPLICATION OF RECONFIGURABLE AND INTELLIGENT SYSTEMS IN PRODUCTION PROCESSES: A SYSTEM PERSPECTIVE

Sci Rep 13, 22374, 2023. <https://doi.org/10.1038/s41598-023-49727-5>

M Todescato, O Braholli, D Chaltsev, I Di Blasio, D Don, G Egger, J Emig, G Pasetti Monizza, P Sacco, D Siegele, D Steiner, M Terzer, M Riedl, A Giusti, and D Matt

DIGITAL TOOL TO FOSTER CIRCULAR ECONOMY AND SUSTAINABLY CLOSE BROKEN VALUE CHAINS

Operational and assessment tools for the management of materials and energy in a circular economy – Ecomondo 2022 Conference, Rimini, Italy November 8th – 11th, 2022

P Sacco, M Dermastia, J Goriup, D Don, and M Keller

FOSTERING RESEARCH AND ECOLOGICAL SOLUTIONS FOR GREEN TRANSITION – FOREST PROJECT

New frontiers for forestry chains: policies and governance to give value to a strategic resource for the Country – Ecomondo 2022 Conference, Rimini, Italy November 8th – 11th, 2022

F Morandi, P Sacco, D Don, D Matt, and A Gasparella

SUSTAINABILITY PERFORMANCE OF MOUNTAIN FOOD VALUE CHAINS

BIOSYSTEMS ENGINEERING TOWARDS THE GREEN DEAL - Improving the resilience of agriculture, forestry and food systems in the post-Covid era. AIIA Conference Palermo, Italy September 19th – 22nd, 2022

P Sacco, D Don, L Becce, G Carabin, A Mandler and F Mazzetto

AVAILABLE TOOLS AND METHODOLOGIES FOR THE SUSTAINABILITY ASSESSMENT IN PRODUCTION

Il contributo ed il potenziale della Simbiosi Industriale per la transizione ecologica – Symbiosis Users Network – Ecomondo Symposium, October 26th – 29th, 2021

D. Don, P. Sacco, E. Rangoni Gargano, A. Cornella

Further data

- Host of the dissemination event on Corporate Sustainability Reporting Directive at NOI Techpark Bozen, 13/06/2024
- Keynote on Product Carbon Footprint at the International Week - Blended Intensive Programme (BIP) at NOI Techpark Bruneck, 15/06/2024
- LCA intensive training course hosted by the Chamber of Commerce in Bozen, 07-08/02/2024
- Poster presentation at Ecomondo 2022, 09/11/2022
- Oral presentation related on smart and sustainable production planning at Ecomondo 2021, 10/11/2021

Statement of interest

As industrial sustainability researcher my focus is on understanding (and finding practical solutions) to foster sustainability in the different aspects of industrial operations, with a focus on productive ones. Properly analysing the carbon emissions related to companies' operations and products is the first step in identifying improvement opportunities and what might be the best strategy to addressing them, starting from determining where does the leverage for action lays: internally to the company or upon one of their other stakeholders.

Language competence

Italian - Mother language
English - C1 level acquired after my Master of Engineering held in English
Portuguese - B2 level reached after living 7 months (Oct 2018 – Apr 2019) in Lisbon.
Spanish - B1 studied at school for three years

Date

18/07/2024