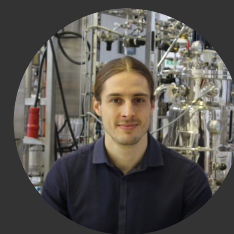


Victor Pozzobon

Ph.D. with Habilitation

Scientist leader - dynamic, creative and passionate.

My research initiatives lies with packed beds, bioreactors and numerics.



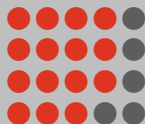
CONTACT

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🏠 victorpozzobon.github.io
🌐 Victor Pozzobon
📞 0000-0003-1530-0834

SOFT SKILLS

Team leading

Empathy
Decision making
Problem solving
Empowerment



Languages

English
French
German



TECHNICAL SKILLS

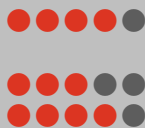
Numerics

Programming
(e.g. Python, C++, Bash, ...)
CFD
(OpenFOAM, Fluent, Comsol)
Visualisation
Machine Learning



Experiments

Conception/Realization
(including 3D prototyping)
Instrumentation
Automation
(Arduino, Python)



CERTIFICATES - MOOCS

Financial analysis - 2021
Accounting - 2021
Design of experiments - 2021
Data analysis - 2020
HPC Python - 2020
Management & leadership - 2020
French cuisine - 2019
Numerical analysis - 2017
Mathematical biostatistics - 2015
Food & nutrition - 2015
Athletes physiology - 2015
Human physiology - 2014

⚙️ CURRENT POSITION

📅 Nov. 2015 - To date **Principal Investigator**
📍 Chair of Biotechnology
CentraleSupélec, Pomacle, France
Head of the modelling team
Leading research projects, **supervizing** researchers, and **acquiring funding**
Key driver: developing tomorrow's bio/chemical reactors
Approach: implementing the digital twin concept in bioprocess
Supervision: 5 Ph.D. students graduated, 3 in progress. 2 post-doctoral fellows

🎓 EDUCATION

📅 Sep. 2020 **Habilitation - HDR**
📍 INP Toulouse
Thesis title: Modeling as a tool for chemical and biochemical engineering
📅 Sep. 2012 - Nov. 2015 **Ph.D.**
📍 RAPSODEE Mines Albi, Albi, France
Thesis title: Biomass gasification under high solar heat flux.
📅 Sep. 2008 - Sep. 2012 **Engineering degree**
📍 ENSEEIHT & Mines Albi, Albi, France
Chemical engineering with academic exchange in fluid dynamics (with Honors)

🏆 KEY PERFORMANCE INDICATORS

- 🏆 **Industrial contracts & Grants:** 582.5 k€ for my entity over 9 calls/contracts (from regional to national scale) & 1 International funding for a PhD. In progress (total \simeq 1 M€, for my entity): 2 European Green Deal, 1 PRIMA - Mediterranean scale -, 1 French Public Investment bank
Unsucessfull ERC Starting last year, reviews available upon demand
- 🏆 **Scientific society:** French users of OpenFOAM, (FOAM-U), association. Secretary (2016 - 2020). Treasurer (2020 - to date)
- 🏆 **Research partnerships,** with co-authored publications: RAPSODEE - Mines Albi - RIBP - Université Reims Champagne Ardenne - LPQM - CentraleSupélec - IFPEN - Solaize - ABI - AgroParisTech
- 🏆 **Scientific valorization:** h-index - 10, 30 authored or co-authored articles. Presented at/Attended numerous (untracked) conferences

📖 TEACHINGS AND TRAININGS

A brief graphical summary of my teachings activities. My formal teachings represent about 80 h and one or two OpenFOAM bootcamps (2 to 3 days) per year

