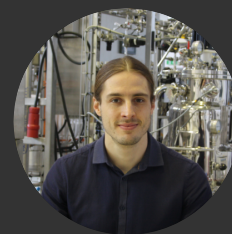


# Victor Pozzobon

## Ph.D. - HDR

Scientist leader - dynamic, creative and passionate.  
My research initiatives lies with packed beds, bioreactors and numerics.



### CONTACT

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### SOFT SKILLS

#### Team leading

Empathy  
Decision making  
Problem solving  
Empowerment



#### Languages

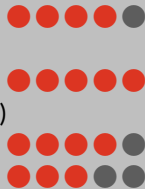
English  
French  
German



### 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  
Structuring research projects 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, 2 in progress. 2 post-doctoral fellows

### 🎓 EDUCATION

📅 Sep. 2020 **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)

### 👥 POSITIONS, COLLABORATIONS, PUBLICATIONS

- 👤 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 - Centrale-Supélec - IFPEN - Solaize - ABI - AgroParisTech
- 👤 Grants: several of regional-scale. International funding for a PhD. In progress: 2 European Green Deal, 1 ERC Starting, 1 PRIMA - Mediterranean scale -, 2 French national-scale
- 👤 Industrial contracts: 3 completed, 3 in progress
- 👤 KPI: h-index - 9, 30 authored or co-authored articles (rank A journals)

### 📖 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

