

## CURRICULUM VITAE

Family Name, First Name: Contino, Francesco

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Date of birth: 16/10/1983

Nationality: Belgian



### CURRENT POSITIONS

2019–present **Professor**, UCLouvain, Belgium.

### PREVIOUS POSITIONS

2012–2019 **Professor**, Vrije Universiteit Brussel, Belgium

2011–2012 **Post-doctoral fellow**, Université d'Orléans, France

2009 **Invited researcher**, Politecnico di Milano, Italy

### MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2023–present Royal Academy of Belgium, **Member of the Collegium.**

2010–2022 Belgian Section of the Combustion Institute, **Board then Chairman.**

2012–2021 Belgian society of automotive engineers (UBIA), **Liaison with FISITA.**

### EDUCATION

2007–2011 **PhD in Engineering**, Université catholique de Louvain, Belgium.

2006–2007 **Chinese (intermediate level)**, Nankai University, Tianjin, China.

2001–2006 **Master of Engineering**, UCLouvain, Belgium.  
Major of promotion, Summa cum laude.

### FELLOWSHIPS

2007–2011 **F.R.S.-FNRS Research Fellow**, UCLouvain, Belgium

2006–2007 **Chinese Government Scholarship Program for International Students**,  
Nankai University, Tianjin, China

### SUPERVISION OF PHD AND MSc

2012–present Supervisor of **32 PhD students** (23 graduated by 2025), 18 in joint supervision (France, 4 other universities in Belgium)

2012–present Supervisor of 91 Msc students

### INSTITUTIONAL RESPONSABILITIES

2025–present **Head of the TFL pole** (Thermodynamics and Fluid Mechanics), Institute iMMC, UCLouvain.

2025–present **Co-founder** of Louvain4Sufficiency (interdisciplinary platform on sufficiency), UCLouvain.

2022–present **Expert** in the Council for Sustainable Development, UCLouvain.

2022–2024 **Vice-Dean** contact with companies, F. of Engineering, UCLouvain.

2015–2019 **Head** of the ULB-VUB Joint Research Group BURN, 40 researchers.

2016–2019 **Head** of Fluid mechanics and Thermodynamics (VUB), 30 researchers.

## TEACHING ACTIVITIES

2012–present Thermodynamics, Energy systems, Piston Engine, SDG.

## ORGANISATION OF SCIENTIFIC MEETINGS

- 2025 Seminar on sufficiency, Brussels, 100 part. (internat.)
- 2021 Review Chair, GPPS, 250 part. (internat.)
- 2018 Co-chair, Conference RESRB, Belgium, 50 part. (internat.)
- 2018 Co-chair, OpenFoam conference, France, 60 part. (internat.)
- 2017 Co-chair, Summer school, Marie-Curie CLEAN-Gas, 30 part. (internat.)
- 2016 Org. Com., COMPOLA Conference, Morocco, 200 part. (internat.)

## COMMISSIONS OF TRUST

- 2010–present **90 reviews** for the following journals Appl. Energ., Energ. Fuel, Fuel, Combust. Flame, P. Combust. Inst., Energy, Appl. Therm. Eng., Energy Convers. Manage., Frontiers Mech. Eng., Appl. Phys. Eng., and SAE.
- 2012–present **Jury member (in addition to the PhD students I supervised)** of 44 PhD theses (Belgium, France, Sweden, Ireland, Germany, Finland, Italy, Switzerland).
- 2013–present **Scientific jury**, 15 projects ANR, France; 3 projects AASTMT, Egypt.
- 2014–present **Editorial Board** *Progress in Energy and Combustion Sciences*
- 2022–present **Jury member and President** of FRIA PhD scholarships.
- 2020–2024 **Committee member** of Hiroshi Tsuji Early Career Researcher Award.

## AWARDS

- 2024 Ernest Solvay Prize (10000€).
- 2023 Jean-Pierre Contzen Prize (10000€).
- 2015 Famelab Belgium, Finalist (250€).
- 2012 Adolphe Van Tiggelen Award (500€).
- 2010 Student Travel Award, Combustion Institute (500€).
- 2006 ALLouvain Master's thesis, Université catholique de Louvain (250€).

## RESEARCH OUTPUT

H-index: **44 (Google Scholar)**, Peer-reviewed journal articles: **126**

Major recent fundings (own budget specified):

- 25-28, Erasmus+, Democratic Republic Congo (70 k€)
- 24-28, Win4Excellence, energy system (680 k€)
- 24-28, ARES PRD, Democratic Republic Congo (500 k€)
- 21-25, Belgian Energy Transition Fund, carbon capture (330 k€)
- 21-24, Belgian Energy Transition Fund, energy system (575 k€)
- 20-24, Marie Skłodowska-Curie Actions, micro gas turbines (513 k€)