

Curriculum Vitæ - Ramon Silva Martins – May 2018

Lecturer

Mechanical Engineering Coordination

Instituto Federal do Espírito Santo

Avenida Vitória, 1729, Vitória, ES, Brazil, CEP 29.040-780

Phone: +55 27 98101 2723

E-mail: ramon.martins@ifes.edu.br or ramonsmartins@gmail.com

Education

2016 – Ph.D. in Mechanical Engineering – Université de Lille (France)

2012 – M.Sc. in Mechanical Engineering – Universidade Federal do Espírito Santo (Brazil)

2009 – B.Sc. in Mechanical Engineering – Universidade Federal do Espírito Santo (Brazil)

Research experience

2017 - 2018 – Postdoctoral Researcher – Research Group on Air Quality (NQualiAr), Graduate Program on Environmental Engineering, Ufes, Brazil

apr. - sep. 2012 – Research Fellow – Research Group on Air Quality (NQualiAr), Graduate Program on Environmental Engineering, Ufes, Brazil

Teaching experience

Student supervision: 1 undergraduate student completed and 2 undergraduate students, 1 Master student and 1 PhD student continuing

2013 - 2014 – Temporary Teaching Assistant (teaching “Constitutive Laws”)– Polytech’Lille, France

Awards

2016 – Congress grant – Specific action ICR 2016 – Groupe Français de Rhéologie, France

2015 – Best Oral Presentation Award for Young Researcher – The Organizing and Scientific Committees of the 1st ICMCSF, Lille, France

Selected publications

- Andrade, JR ; Martins, RS ; Thompson, RL ; Mompean, G ; Silveira Neto, A. Analysis of uncertainties and convergence of the statistical quantities in turbulent wall-bounded flows by means of a physically based criterion, *Physics of Fluids*, 30(4), 045106, 2018 (DOI: 10.1063/1.5023500)

- Martins, RS ; Thais, L. ; Mompean, G. The kernel root-k transformation applied to turbulent channel flows, *Rhéologie*, 31, 13-19, 2017

- Martins, RS ; Pereira, AS ; Mompean, G ; Thais, L. ; Thompson, RL. An objective perspective for classic flow classification criteria, *Comptes Rendus Mécanique*, 344(1), 52-59, 2016 (DOI: 10.1016/j.crme.2015.08.002)

- Prata Junior, AA ; Santos, JM ; Beghi, SP ; Fernandes, IF ; Marttens, LLCV; Pereira Neto, L ; Martins, RS ; Reis Junior, NC ; Stuetz, RM. Dynamic flux chamber measurements of hydrogen sulfide emission rate from a quiescent surface - A computational evaluation, *Chemosphere*, 146, 426-434, 2016 (DOI: 10.1016/j.chemosphere.2015.11.123)

Academic metrics

- ResearcherID: 6 publications, 8 citations, h-index: 2

- Scopus: 5 publications, 10 citations, h-index: 2

- Google Scholar: 24 publications, 23 citations, h-index: 4

- ResearchGate: 19 publications, 10 citations, h-index: 2