CURRICULUM VITAE

Ing. Jan Pokorný, Ph.D.

Born: in Znojmo, Czechoslovakia, November 2, 1983

Education and academic qualification:
2008, Laurea in Ingegneria Matematica, Universitá degli Studi dell'Aquila, Facoltá di Ingegneria
2008, Master of Science (Engineer), BUT, FME, specialization: Mathematical Engineering
2012, Doctor of Philosophy (Ph.D.), BUT, FME, specialization: Design and Process Engineering (Environmental Engineering)

Career overview
2008–2012, PhD studies, Department of Thermodynamics and Environmental Engineering, BUT Brno
2016–2017, external consultant for Modelica/Dymola, Hanon Nový Jičín
2012– present, assistant, Energy Institute, Department of Thermodynamics and Environmental Engineering, BUT Brno

Work Experience:

2007–2008	10 months study, Universitá degli Studi dell'Aquila, Facoltá di Ingegneria
2011	2 weeks Forschungszentrum VW, Wolfsburg, Germany
2016–2017	External consultant for Modelica/Dymola, Hanon Nový Jičín

Selected Academic Activities:
- 2010–present, Thermodynamics (practical lectures)

Scientific interests:
- 2008–present, human thermal comfort models including themophysiolal models, thermal management of cars, simulation of HVAC system using 0D/1D modelling (Matlab, Simulink, Dymola)
- 2012–present CFD (Computational fluid dynamics), measurement in climatic chamber and postprocessing and evaluation of measurements
- 2019–present 3D prototyping, Latice-Boltzmann method for CFD

Industry cooperation
Volkswagen AG- Forschung, Škoda Auto, Hanon Nový Jičín, SÚJCHBO, Sattello, Sobriety, Textilní zkušební ústav Brno

Scientific activities:
- Co-operation within several grant projects, especially under TAČR
- Sum of citations (without self-citations) indexed within: ISI Web of Knowledge 20
- Author or co-author of 17 ISI Web of Knowledge publications including conferences proceedings, 5 IF paper, H-index 4
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