

Curriculum vitae of Dirk Victor Hendrik Vandepitte

Work address

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Studies

- 1968-1974 primary school Sint-Paulus, Smidsestraat, Gent
- 1974-1980 secondary school Sint-Barbaracollege, Gent, Latin-Mathematics
- 1980-1985 civil engineer, Gent State University, magna cum laude
- 1990 Ph.D. in Engineering, KU Leuven, maxima cum laude

Professional career

- October 1985-January 1990, research assistant at KU Leuven
- February 1990-September 1992, structural engineer at Fokker Space & Systems, Amsterdam-Zuidoost, NL
- October 1990-September 1992, part-time assistant professor at KU Leuven
- October 1992-September 1997, full-time associate professor at KU Leuven
- October 1997-September 2004, full-time professor at KU Leuven
- October 2004- ... , full-time full professor at KU Leuven
- December 2020- ... , chairman of LMSD division of Mechanical Engineering Dept.

Field of research

- numerical methods in structural analysis
- noise and vibration engineering
- uncertainty quantification and analysis
- lightweight structures
- aircraft and space structures

Publications

- author of 148 scientific papers in peer-reviewed international journals
- author of more than 400 scientific papers in international conferences
- h-index: 35 (February 2021, ISI)
- see <http://lirias.kuleuven.be/cv?Username=U0007104>

Teaching

- teacher for 9 Bachelor, Master and Advanced Master courses in Engineering, mainly in Mechanical Engineering
- 1998-2004 teacher in the Flemish inter-university programme on Aeronautical and Aerospace Engineering
- winner 1st prize for best teacher of KU Leuven Faculty of Engineering Science (1996, 2003, 2007, 2008, 2009, 2010, 2011 and 2012), and of best teacher in Mechanical Engineering (2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021)

Activities in educational commissions at KULeuven

- 2005-2011 and 2013-2021: programme director for the Mechanical Engineering Bachelor & Master curricula, and chairman of the Programme Committee
- 2005-2011 and 2013-2021: member of the programme committee for the Bachelor & Master curricula at the KULeuven Faculty of Engineering
- since 2009: member of the programme committee for the inter-university Master in Space Studies

Activities in scientific organisations and commissions

- 1992-2017: board member of the commission in Aeronautics and Astronautics of the Royal Flemish Engineering Society
- since 1993: member of AIAA, American Institution of Aeronautics and Astronautics
- 1996-present: member and honorary member of the Belgian National Committee on Theoretical and Applied Mechanics
- 2000-2004: chairman of the Belgian National Committee on Theoretical and Applied Mechanics
- since 2000 : representative for Belgium within the General Assembly of IUTAM (International Union of Theoretical and Applied Mechanics)
- 2004-2005: member of the technical commission of the Flemish Council for Science Policy on the Flemish participation in space and space research over 1997-2003
- 2007-2009 : member of the scientific commission nr.15 (Mechanical Engineering) of FRS-FNRS (Fund for Scientific Research of the French Community in Belgium)
- since 2009: chairman of the Leuven Research Centre in Aero- & space Science and Applications (LASA)
- 2008-2013: representative for Belgium in the General Assembly and Managing Board of ECCOMAS (European Community for COmputational Methods in Applied Sciences)

Others

- co-founder of EconCore nv, www.econcore.com
- 2005-2009 member of the Board of Directors of EconCore nv
- co-founder of arcsec nv, www.arcsec.space
- 2020-... chairman of the Board of Directors of arcsec nv
- since 2007: representative for KU Leuven in the Board of Directors of VRI (Vlaamse RuimtevaartIndustrie, Flemish Space Industry)
- since 2016: representative for KU Leuven in the Board of Directors of FLAG (Flemish Aerospace Group)