

Short bio – Alessandro Reali (born in 1977)
(last update: April 2024)

Institution: Department of Civil Engineering and Architecture, University of Pavia (UniPV)
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Current academic positions:

Since 2016: Full Professor of Solid and Structural Mechanics (UniPV)
2019-2025: Rector's Delegate for International Research and Ranking (UniPV)
2018-2024: Dean of the Department of Civil Engineering and Architecture (UniPV)

Studies:

2005: PhD in Earthquake Engineering (UniPV and IUSS Pavia)
2004: MSc in Earthquake Engineering (UniPV and IUSS Pavia)
2002: Italian engineering professional license (grade: 120/120)
2001: MSc (5-year degree) in Civil Engineering (UniPV, grade: 110/110 magna cum laude)
1996: High School Diploma (Liceo Scientifico “N. Copernico” Pavia, grade: 60/60)

Awards and honors (selected):

2024: Fellow of the European Academy of Sciences
2020: Euler Medal (European Community on Computational Methods in Applied Sciences - ECCOMAS)
2019: TUM Ambassador (President of the Technical University of Munich - TUM)
2014-2018: ISI Highly Cited Researcher (5 times, Thomson-Reuters/Clarivate)
2018: Bruno Finzi Prize (Istituto Lombardo Accademia di Scienze e Lettere)
2017: Knight Commander of the Order of Merit of the Italian Republic (President of the Italian Republic)
2016: IACM Fellows Award (International Association for Computational Mechanics - IACM)
2015: Hans Fischer Fellowship (Institute for Advanced Study - IAS, TUM)
2014: John Argyris Award for Young Scientists (IACM)
2013: AIMETA Junior Prize (Italian Association of Theoretical and Applied Mechanics - AIMETA)
2012: O.C. Zienkiewicz Award (ECCOMAS)
2004-2012: J.T. Oden Faculty Fellowship (8 times, Institute of Computational Engineering and Sciences – ICES, UT Austin)
2010: ERC “Ideas” Starting Independent Researcher Grant (European Research Council - ERC)

Current affiliations (selected):

2023-2025: Selected, after a competitive call, for the Regional Forum for Research & Innovation, Regione Lombardia
Since 2023: Member of the General Assembly of ECCOMAS
Since 2021: Founding member of the association “ERC in Italy”
Since 2016: Member of the General Council of IACM
Since 2015: Member of the association “Gruppo 2003 per la Ricerca Scientifica” (member of the Executive Council since 2018)

Scientific production (summary):

Since 2005: Author of more than 185 papers in peer-reviewed international journals, with more than 15,000 citations (h-index: 59) according to Google Scholar and more than 10,000 (h-index: 50) according to Scopus
Since 2004: Author of more than 100 seminars/lectures at internationally renowned institutions and more than 30 plenary/keynote lectures at international conferences, as well as author/coauthor of more than 500 contributions (more than 400 invited) at conferences, workshops, seminars

Research project leadership:

Since 2002: Principal investigator of 1 European project, 1 international project, and 4 national projects; supervisor of 1 European project; co-proposer of 1 European project, 2 international project, and 1 national project; Unit coordinator of 3 European and 4 national projects

Research software release:

2010: GeoPDEs: a research tool for IsoGeometric Analysis of PDEs (<http://geopdes.sourceforge.net>); in collaboration with C. de Falco e R. Vázquez. Free software released under the terms of the GNU GPL license (v3). More than 5,000 downloads.

Note: An extended cv as well as complete lists of publications and seminars/lectures are available at: <http://www.unipv.it/alereali>