

BIOGRAPHY



Assoc. Prof. Ph. Ștefan Țălu was born in Florești, county Vaslui, Romania, on 31st July 1964. He graduated as a mechanical engineer from University of Craiova, Faculty of Mechanics, Romania in 1988. He received his Ph.D. degree (in technical sciences with specialty in technology of machine building) and Associate Professor from the Technical University of Cluj-Napoca, Romania, in 1998 and 2002 respectively. He completed his training as a specialist in technical sciences and fractal/multifractal applied in technique, since he has worked in academic and research in technical sciences (full Assoc. Professor PhD., full-time). He is in an academic position in The Technical University of Cluj-Napoca on: Department of Research, Development and Innovation Management (DMCDI), Constantin Daicoviciu Street, no. 15, Cluj-Napoca, 400020, Romania; and Faculty of Mechanical Engineering, Department of AET, Discipline of Descriptive Geometry and Engineering Graphics (DGEG), B-dul Muncii Street, no. 103-105, Cluj-Napoca, 400641, Romania. Assoc. Prof. Ph. Ștefan Țălu has published 19 books, 1 chapter in book in

English and 327 scientific papers (180 papers as single author or first author), in journals, at symposia and scientific national and international conferences, in country or abroad. Among them: 71 papers in ISI quoted journals, with impact factor and relative influence score, 140 papers in international databases, 36 papers at national conference and 80 papers at international conferences, published in collaboration with 250 researchers from 21 countries: Italy, USA, UK, Poland, Mexico, Iraq, Malaysia, Serbia, India, Czech Republic, Bulgaria, Iran, Russian Federation, Croatia, Slovakia, Turkey, Hungary, Spain, Canada, China and Colombia. He has a number of 300 public presentations at national and international scientific events (congresses, conferences, workshops - oral presentations and posters). He was a member of the research team, during 2001 - 2016, at: 7 research projects, awarded by national competition and 2 international research projects. He was Project Manager at: two national research projects, awarded by national competition and at 7 national research projects with Romanian economic partners. He was as: General chair of International scientific events in abroad (4); Honor-chair of International scientific events in abroad (1); and Editor of International scientific events in abroad (1); Member of the Technical Program Committee of International scientific events in abroad (74). He has 5 themes/research grants: - new products and original technologies. He has 25 awards from the National Programme for Development, Research and Innovation (UEFISCDI, Romania, <http://uefiscdi.gov.ro>) of research results - articles published in ISI journals. He is member of 7 journals as editorial board member and of 33 journals as scientific reviewer. He has two adult children. When not working, he enjoys spending time with his family. His hobbies include athletics and fitness.

▪ International biographical catalog:

- The Encyclopedia of personalities from Romania, fifth edition, pp. 1418, 2010, ISBN 978-3-7290-0093-3. Editor: Who is Who, Verlag für Personenzyklopädien AG, CH-6304 Zug, Alpenstrasse 16, Schweiz, <http://www.whoiswho-verlag.ch>, <http://www.whoiswho-verlag.ro>.

- Who's Who in the World 2012 - 29th Edition, November 2011, ISBN: 978-0837911472. Editor: Marquis Who's Who, 430 Mountain Avenue, Suite 400, New Providence, NJ 07974, USA. <http://www.marquiswhoswho.com>.

▪ Home Page:

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▪ WorldCat identifier, https://www.worldcat.org/search?q=%22stefan+talu%22&fq=&dblist=638&qt=first_page

▪ Scopus identifier, <https://www.scopus.com/authid/detail.uri?authorId=36476658600>

▪ Mendeley identifier, <https://www.mendeley.com/profiles/tefan-lu/stats/>

▪ ResearchGate identifier, https://www.researchgate.net/profile/Stefan_Talu?ev=hdr_xprf&_sg=33VicVByHu8h3_nhEt0xtnwO22M4v11fw0oveXgCDAPFooFSa0ctv5ixXhUhlHP

▪ Google Scholar identifier, <http://scholar.google.ro/citations?user=dpex0cYAAA&hl=ro>

RESEARCH INTEREST

Mechanical engineering; Mechanical and tribological characterizations of macro-micro-nano structures; Topographical and morphological characterizations of three-dimensional surfaces; Computer-aided engineering and Designing industrial processes; Experimental techniques for micro/nano mechanical and micro/nano tribological characterizations; The development of new mathematical tools in the investigation of 3-D surface quality; Research in design and testing of mechanical components for different operating conditions; Theoretic and applied research in advanced materials science in engineering; Optimization methods and algorithms in engineering; Modelling and numerical simulations in engineering; Fractal and Multifractal Geometry applied in Technique; Medical Imaging and Biostatistics.