

PERSONAL INFORMATION

Stănescu Marius Marinell



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Website: <https://www.webofscience.com/wos/author/record/2011319>
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<https://www.brainmap.ro/marius-marinel-stanescu>
<https://www.scopus.com/authid/detail.uri?authorId=25621892100>
<https://scholar.google.com/citations?user=bSnp0d4AAAAJ&hl=ro>

Sex Male | Date of birth 18/01/1967 | Civil status single | Nationality Romanian

EMPLOYED

**Professor, Department of Applied Mechanics and Civil Constructions,
Faculty of Mechanics, University of Craiova**

WORK EXPERIENCE

01.10.2019 – until present day

Professor (academic degree obtained through competition)

University of Craiova, Faculty of Mechanics

- Teaching activities: Analysis with finite elements - first part, course (Masters, 1-st year, MSIM, Faculty of Mechanics); Increasing safety in constructions with composite materials, course and seminar (Masters, 2-nd year, RC, Faculty of Mechanics); Mechanics course (Undergraduate studies, 1-st year, AIA, Faculty of Automation, Computers and Electronics); Linear Algebra, Analytical and Differential Geometry, course and seminars (Undergraduate studies, 1-st year, Faculty of Mechanics); Mechanics of Composite Materials, course and seminar (Masters, 1-st year, MSIM, Faculty of Mechanics).

Sector Education and research

01.10.2009 – 01.10.2019

Associate Professor (academic degree obtained through competition)

University of Craiova, Department of Applied Mathematics

- Teaching activities: Linear Algebra, Analytical and Differential Geometry, course and seminars (Undergraduate studies, 1-st year, Faculty of Mechanics); Linear Algebra, Analytical and Differential Geometry, a part of seminars (Undergraduate studies, 1-st year, Faculty of Automatic, Computer and Electronic); Operational Research, course and seminar (Undergraduate studies, 2-nd year, IEM, Faculty of Mechanics).

Sector Education and research

06.2001 – 01.10.2009

Lecturer

University of Craiova, Department of Applied Mathematics

- Teaching activities: Linear Algebra, Analytical and Differential Geometry, course and seminars (Undergraduate studies, 1-st year, Faculty of Mechanics); Operational Research, course and seminar (Undergraduate studies, 2-nd year, IEM, Faculty of Mechanics).

Sector Education and research

01.03.1999 – 06.2001

Lecturer (academic degree obtained through competition)

University of Craiova, Faculty of Mathematics and Computer Science, Department of Applied Mathematics in Economics

- Teaching activities: Linear Algebra, Analytical and Differential Geometry, course and seminars (Undergraduate studies, 1-st year, Faculty of Mechanics); Operational Research, course and seminar (Undergraduate studies, 2-nd year, IEM, Faculty of Mechanics).

- 15.06.1998 – 01.03.1999 **Sector** Education and research
Teacher with didactic degree I (professional degree given by Order of Minister of National Education No. 4481 / 07.09.1998)
National College "Dimitrie Petrescu" Caracal, Olt
- The activities provided in the norm of a mathematics teacher
- 01.09.1994 – 15.06.1998 **Sector** Education
Teacher with definitive teaching degree (certificate No. 7916 / 11.25.1994, issued by the University of Craiova)
Agricultural High School Caracal, Olt
- The activities provided in the norm of a mathematics teacher
- 01.09.1991-01.09.1994 **Sector** Education
Debutant teacher
Agricultural High School Caracal, Olt
- The activities provided in the norm of a mathematics teacher

EDUCATION AND TRAINING

- April 13, 2017 **Certificate of Habilitation (Order of Romanian Minister of National Education No. 3687 / 13.04.2017)**
IOSUD - University of Craiova, the domain of Doctoral Studies - Mechanical Engineering - Composite Materials
- Habilitation Thesis Title: „Theoretical research and experimental validation on mechanical behavior of some composite materials” (The Habilitation Thesis was public defended at January 13, 2017)
- 01.10.2008 – 21.05.2010 **Ph.D. Diploma in Engineering Sciences (Series H, No. 0000919)**
University of Craiova, Faculty of Mecanics, Mechanical Engineering Domain - Composite Materials
- PhD Thesis Title "Contributions to the study of static and dynamic behavior of composite beams and plates" (The PhD Thesis was public defended at May 21, 2010) (The V 86187 quota in the Legal Deposit of the Romanian National Library);
 - PhD Supervisor: Prof. Dr. Eng. Math. BAGNARU I. Dan Gheorghe
- 01.10.1991-19.12.1997 **Ph.D. in Physics and Mathematics given by the decision of the Specialized Scientific Council DH 01.94.53 from 19.12.1997, confirmed by Resolution of the Presidium of the Certification Commission of Moldova Republic, No. 33 / 02.26.1998 (Ph.D. Diploma, Series D, No. 000 509)**
State University of Moldova, Faculty of Mathematics and Informatics
- Functional Analysis Domain – Spectral Theory;
 - PhD Thesis Title "The spectrum of some integro-differential operators" (The PhD Thesis was public defended at December 19, 1997) (The DL quota in the Legal Deposit of the Romanian National Library);
 - PhD Supervisor: Prof. Univ. Dr. Habil. Cojuhari A. Petru
- 1999 **Certificate of Equivalence of Ph.D. Diploma, Series C, No. 0001814**
Romanian Ministry of Education
- The certificate was granted after analyzing the thesis results by official reviewers from Bucharest University (Faculty of Mathematics, Faculty of Physics) and Mathematics Institute of the Romanian Academy - Letter No. 4734 / 12.VII.1999
- 01.10.1986-1991 **Bachelor of Mathematics (Diploma Series I. No.. 4594)**
University of Craiova, Faculty of Sciences - mathematics specialization (5 years)
- In addition of the specific disciplines of "Mathematics" specialization, I have acquired theoretical knowledge and experimental skills in: Mechanics (2 semester course - 2 exams); Operational Research; Numerical Analysis; Numerical Methods in Nonlinear Analysis; Probability Calculation and Statistics (2 semester course - 2 exams); Mathematical Methods in Other Sciences; Physics; Astronomy; School Psychology (attested by the Transcript, Series H, No. 430, Excerpt of the Academic Register Volume XIII, No. 1540).

PERSONAL SKILLS

Mother tongue
Other language

Romanian language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B 2	B 2	B 2	B 2	B 2

English

Linguistic competence certificate No. 181/17.09.2008, issued by the Center for Foreign Languages "Interlingua", Faculty of Letters, University of Craiova

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- communication skills acquired through teaching activities in higher education

Organisational / managerial skills

- research director in two national research-development-innovation projects, obtained through competition;
- scientific coordinator and chairman of some commissions for obtaining the first degree in education;
- chairman of some high school graduation committees.

Job-related skills

- I studied the mechanical behaviour for composites with unidirectional oriented reinforcement, proposing more methods for determining the elasticity characteristics, that took into account the components continuity of stress and strain tensors of the separation surfaces between the material phases;
- I made a global appreciation of the elasticity tensor characteristics by taking into account the interrelationships that appear between the stresses and strains;
- I researched the mechanical behaviour for: composites with randomly distribution of the reinforcement, in this case making researches on materials that has as reinforcement the fiber glass and wheat straw;
- I studied the multilayered composites, by proposing an analytical model that gives similarities between two homogenization theories;
- I studied the sandwich types composites with polypropylene honeycomb core and polystyrene;
- I researched, from the point of view of the mechanical properties, the bio-composites with Damar based matrix and reinforced with natural fibers, such as: cotton, flax, silk, hemp, wheat straw and cattail leaves;
- I researched the influence of non-uniformities over the mechanical properties, elastical and strength ones, for composites reinforced with various fabrics ;
- I have defined an uniformity factor whose values give indications over the nature and dimensions of some materials defects ;
- I researched the vibrations damping for bars and plates, by determining the eigenpulsations and damping factors .

Digital skills

- knowledge of the "Microsoft Office" tools and the LaTeX computer-aided editing system.

Driving licence

Driving license B category

ADDITIONAL INFORMATION

Projects
Memberships
Awards
Certifications

- scientifically responsible for two national research-development-innovation projects, obtained through competition;
- member in seven national research-development-innovation projects obtained through competition;
- member in an international project obtained through competition;
- 15 scientific papers (published in ISI listed journals) awarded by UEFISCDI Romania;
- Co-Guest Editor of 4 special issues of some ISI journals with impact factor: 2 at Polymers – red zone; 2 at Coatings – yellow zone;
- Scientific editor of 14 papers published in Polymers – red zone journal;
- h-index (Hirsch index) in Web of Science – 13.