

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL INFORMATION**

Surname(s) / First name(s)	<b>Marović / Pavao</b>
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E-mail(s), Web address(s)	pavao.marovic@gradst.hr
Nationality(-ies)	Croatian
Date of birth	January 26 <sup>th</sup> 1954.
Identification number from Records of Scientific Workers	<b>070744</b>

**WORK EXPERIENCE**

• Dates (from – to)	October 1 <sup>st</sup> 2022 - further on
Name and address of employer	Faculty of Civil Engineering, Architecture and Geodesy University of Split
Type of business or sector	Professor emeritus
Occupation or position held	
Main activities and responsibilities	Technical mechanics, numerical modelling, testing of structures, engineering structures.
• Dates (from – to)	September 30 <sup>th</sup> 2006 – September 30 <sup>th</sup> 2022
Name and address of employer	Faculty of Civil Engineering, Architecture and Geodesy University of Split (new name of the Faculty of Civil Engineering and Architecture University of Split from June 1 <sup>st</sup> 2011)
Type of business or sector	Full professor - permanent
Occupation or position held	Chief of the Chair for Strength of Materials and Testing of Structures
Main activities and responsibilities	Technical mechanics, numerical modelling, testing of structures, engineering structures. Subjects: Strength of materials I, Strength of materials II, Testing of structures / Numerical modelling of plane structures, Experimental methods, Numerical methods of mechanics of materials, Fracture mechanics.
• Dates (from – to)	October 18 <sup>th</sup> 2001 – September 30 <sup>th</sup> 2006
Name and address of employer	Faculty of Civil Engineering and Architecture University of Split (new name of the Faculty of Civil Engineering University of Split from October 1 <sup>st</sup> 2003)
Type of business or sector	Full professor - permanent
Occupation or position held	Dean (October 1 <sup>st</sup> 2000 - 2006), Chief of the Chair for Strength of Materials and Testing of Structures
Main activities and responsibilities	Technical mechanics, numerical modelling, testing of structures, engineering structures. Subjects: Strength of materials I, Strength of materials II, Testing of structures / Numerical modelling of plane structures, Experimental methods, Numerical methods of mechanics of materials, Fracture mechanics.
• Dates (from – to)	September 17 <sup>th</sup> 1996 – October 18 <sup>th</sup> 2001
Name and address of employer	Faculty of Civil Engineering University of Split; Rectors Office of the University of Split
Type of business or sector	Full professor
Occupation or position held	Dean of the Faculty (October 1st 2000 - present), Chief of the Chair for Strength of Materials and Testing of Structures; Vice Rector for Science (up to April 15 <sup>th</sup> 1998)
Main activities and responsibilities	Technical mechanics, numerical modelling, testing of structures, engineering structures. Subjects: Strength of materials I, Strength of materials II, Testing of structures / Numerical modelling of plane structures, Experimental methods, Numerical methods of mechanics of materials, Fracture mechanics.
• Dates (from – to)	June 10 <sup>th</sup> 1992 - September 17 <sup>th</sup> 1996

Name and address of employer	Faculty of Civil Engineering University of Split; Rectors Office of the University of Split
Type of business or sector	Associate professor
Occupation or position held	Vice dean for education (up to April 15 <sup>th</sup> 1994), Vice Rector for Science (April 15 <sup>th</sup> 1994 – April 15 <sup>th</sup> 1998)
Main activities and responsibilities	Technical mechanics, numerical modelling, testing of structures, engineering structures. Subjects: Strength of materials I, Strength of materials II, Testing of structures / Numerical modelling of plane structures, Experimental methods, Numerical methods of mechanics of materials, Fracture mechanics.

• Dates (from – to) September 12<sup>th</sup> 1988 - June 10<sup>th</sup> 1992

Name and address of employer	Faculty of Civil Engineering University of Split
Type of business or sector	Assistant professor - Docent
Occupation or position held	Vice dean for education (October 1 <sup>st</sup> 1991 – April 15 <sup>th</sup> 1994); Head of department for testing and technology of materials (April 1 <sup>st</sup> 1988 – March 31 <sup>st</sup> 1990)
Main activities and responsibilities	Technical mechanics, numerical modelling, testing of structures, engineering structures. Subjects: Strength of materials I, Strength of materials II.

• Dates (from – to) October 30<sup>th</sup> 1978. – September 12<sup>th</sup> 1988

Name and address of employer	Faculty of Civil Engineering University of Split
Type of business or sector	Research assistant
Occupation or position held	
Main activities and responsibilities	Technical mechanics, numerical modelling, testing of structures, engineering structures. Subjects: Strength of materials I, Strength of materials II.

## EDUCATION

Date	May 18 <sup>th</sup> 1987
Place of education	Zagreb, Croatia
Name and type of organisation providing education	Faculty of Civil Engineering University of Zagreb
Title or qualification awarded	Ph.D.

Date	November 1977 – June 1979
Place of education	Zagreb, Croatia
Name and type of organisation providing education	Faculty of Civil Engineering University of Zagreb
Title or qualification awarded	M.Sc. Course

Date	November 18 <sup>th</sup> 1977
Place of education	Zagreb, Croatia
Name and type of organisation providing education	Faculty of Civil Engineering University of Zagreb
Title or qualification awarded	Civil engineer

## TRAINING

Year	1994
Place of training	Swansea, Wales, United Kingdom
Name and type of organisation providing training	University of Wales
Principal subjects/Occupational skills covered	Applied mechanics, Computational mechanics

Year	1983
Place of training	Helsinki, Finland
Name and type of organisation providing training	GRO I.L. Lavčević + PARTEK
Principal subjects/Occupational skills covered	Calculations of the reinforced concrete structures according to the ACI Codes

**PERSONAL SKILLS AND  
COMPETENCIES**

Mother tongue(s)	Croatian
Other language(s)	
Language	English
Speaking	Good
Writing	Good
Understanding (listening and reading)	Excellent
Language	Italian
Speaking	Good
Writing	Poor
Understanding (listening and reading)	Good
Language	Slovenian
Speaking	Good
Writing	Good
Understanding (listening and reading)	Good
Language	Bosnian
Speaking	Good
Writing	Good
Understanding (listening and reading)	Excellent
Language	Serbian
Speaking	Good
Writing	Good
Understanding (listening and reading)	Excellent
Language	Montenegrin
Speaking	Good
Writing	Good
Understanding (listening and reading)	Excellent
Language	Macedonian
Speaking	Poor
Writing	Poor
Understanding (listening and reading)	Good

**SOCIAL SKILLS AND COMPETENCIES**

Remarkable undergraduate and postgraduate teaching experience.  
 Verbal and written communication of ideas and findings.  
 Presentation skills – I have participated at many international conferences as speaker and invited speaker. I have also participated at many workshops and round tables.  
 Team work – I have worked at many national and international research projects (TEMPUS, CEEPUS, ALIS, DAAD, etc.), and lot of design projects. I have also participated in various boards for proposing new curriculum and improving teaching quality.

**ORGANISATIONAL SKILLS AND  
COMPETENCIES**

As dean and vice-dean of the faculty, vice-rector of the university, head of the department, chief of the chair I have participated in many activities among which great number was organisational. Special activity was the organisation of the first postgraduate studies at the Faculty, and foundation and editorship of the International Journal for Engineering Modelling.  
As member, secretary, vice-president and president of many scientific and professional societies I have participated in many organisational activities. To mention important role in organising few great and successful international conferences (Computer Aided Analysis and Design of Concrete Structures, Split, 1984; Numerical Methods for Non-linear Problems, Dubrovnik, 1986; Non-linear Engineering Computations, Split/Swansea, 1991; Int. Confs. of Croatian Society of Mechanics, Supetar, 1997 & Cavtat, 2000, etc.).

**TECHNICAL SKILLS AND  
COMPETENCIES**

Experience in developing of numerical models and computer programs for computations of various engineering structures.  
Computer programs: (1) CUGRAV for static, elastic and elasto-visco-plastic stress and strain analysis of unbounded continuum (author); (2) GEST for static, linear elastic analysis of straight and curved plates, straight and curved box-girders, folded plates and axysymmetric structures (co-author); (3) TULISA for static, linear and non-linear, elastic and elasto-visco-plastic stress and strain analysis of plane continuum (co-author); (4) FEME for pre- and post- processing combining FEM and AutoCAD-a (co-author); (5) HEAT for thermal analysis (co-author); (6) PRECON for non-linear calculations of prestressed and reinforced concrete plane structures (co-author); (7) PRECON3D for linear calculations of prestressed and reinforce concrete space structures (co-author).  
Experience in testing structures (bridges, viaducts, crane paths, ceilings, etc.), designing, studies and expertises of structures.

**ARTISTIC SKILLS AND  
COMPETENCIES**

Photography.

## OTHER SKILLS AND COMPETENCIES

### Scientific activity:

- leader of 4 scientific projects and researcher at 3 scientific projects supported by Ministry of Science, Education and Sport
- leader of 8 international projects (3 TEMPUS, 1 CEEPUS, 2 ALIS, 1 DAAD, 1 HR-SLO) and collaborator at 1 international project
- researcher on 1 research project supported by Croatian Science Foundation
- published papers: 1 author's book and 8 edited books, 7 chapters in books, 15 papers in journals cited in Current Contents and SCI Expanded, 22 papers in internationally recognized journals, 93 papers in the proceeding of the international conferences, 93 papers in the proceedings of the domestic conferences
- invited lectures at international scientific conferences: 16
- lectures at international scientific conferences: 25
- invited lectures at domestic scientific conferences: 8
- lectures at domestic scientific conferences: 32
- participation at 59 international and 52 domestic scientific conferences
- mentor of 1 dissertation and 7 master thesis
- reviewer of scientific papers for journals: International Journal for Engineering Modelling (Split); Engineering Computations – International Journal for Computer-Aided Engineering and Software (MCB, Velika Britanija); Transactions of FAMENA (Zagreb); Computers and Structures – An International Journal (Pergamon, S.A.D.); Građevinar (Zagreb); Ceste i mostovi (Zagreb); Structural Engineering International (IABSE, Zurich, Švicarska); Technical Gazette (Tehnički vjesnik) (Osijek); Lignocellulose Journal (Zirab, Mazandaran, Iran); The Arabian Journal for Science and Engineering (Springer, Saudijska Arabija); Materials Research Innovations (Maney Publishing, Velika Britanija); Archives of Applied Mechanics (Springer); Civil Engineering and Architecture (Horizon Research Publishing Corporation, S.A.D.); e-GFOS (Osijek); Brodogradnja / Shipbuilding (Zagreb); International Journal of Civil Engineering (Teheran, Iran); Journal of Brazilian Society of Mechanical Sciences and Engineering; The Open Civil Engineering Journal (Bentham Open); Heritage (MDPI); Electronic Research Archive; Applied Sciences (MDPI).
- reviewer of international research projects
- reviewer of teaching programmes of postgraduate university studies.

**Membership:** Croatian Society of Structural Engineers - CSSE, Zagreb (member from 1978.; member of the executive committee from 1984.; secretary of Split Branch from 1984.); Croatian Society for Mechanics - CSM, Zagreb (member from 1980.; member of the executive committee from 1989.; secretary of Split Branch from 1987-1989.; president of the Split Branch 1989-1994; vice-president of Society 1994-1998.; president of Society 1998-2002.); UGIS - Society of Civil Engineers of Split, Split (member from 1978.; member of the executive committee from 1990.; vice-president of the Split Branch 1990.); Croatian Society for Tunnelling, Zagreb (founded member from 1988.); Croatian Society for Soil Mechanics and Foundations, Zagreb (founded member from 1992.); Croatian-German Society, Split (member from 2001.), as well as international scientific and professional societies: International Association for Computer Methods and Advances in Geomechanics - IACMAG, Tucson, U.S.A., (founded member from 1988.; correspondent for Croatia and Slovenia from 1994.); International Association for Bridge and Structural Engineering - IABSE, Zurich, Switzerland (member from 1990.); National Agency for Finite Element Methods and Standards - NAFEMS, Glasgow, Scotland, United Kingdom (founded member from 1984.); Central European Association for Computational Mechanics - CEACM, Wien, Austria (member from 1994.); European Distance Education Network - EDEN, Milton Keynes, England, United Kingdom (member from 1992.); EUROPACE 2000, Heverlee, Belgium (founded member from 1994.); European Association for International Education - EIAE, Amsterdam, The Netherlands (member from 1995.); European Scientific Association of Material Forming - ESAFORM, Sophia Antipolis - Valbone, France (founded member from 1997.; member of their scientific committee and representative of the Republic of Croatia); National Geographic Society, Washington, U.S.A. (member from 1997.); International Biographical Association, Cambridge, England, United Kingdom (member from 1998.); American Biographical Institute, Raleigh, North Carolina, U.S.A. (member from 1998.).

**Awards:** University of Zagreb Rectors' Award for achieved success in study (1974); Decorated by President of the Republic Red Danice hrvatske s likom Ruđera Boškovića (1997.), County Splitsko-Dalmatinska for science (1998.), World Lifetime Achievement Award – ABI (1999.), the University of Mostar (Bosnia and Herzegovina) Cooperation Award (2003, 2008), the University of Split Development Award (2008). Award of the Faculty of Civil Engineering, Architecture and Geodesy of the University of Split for special contribution to the development of the Faculty in the field of all study programs and scientific research work (2021.); Award of the Faculty of Civil Engineering, Architecture and Geodesy of the University of Split for special contribution to the development of the Faculty in the field of scientific publishing (2021.). (continued on next page)

**Honorary Membership:** Honorary member of the Croatian Society of Mechanics (2018.)

**Included in prestigious world lists of scientists and scholars:**

(a) Marquis: (i) **Who's Who in Science and Engineering:** 4<sup>th</sup> ed. (1998/1999), 5<sup>th</sup> ed. (2000/2001), 6<sup>th</sup> ed. (2002/2003), 7<sup>th</sup> ed. (2003/2004), 8<sup>th</sup> ed. (2004/2005), 9<sup>th</sup> ed. (2006/2007), 10<sup>th</sup> ed. (2008/2009); 11<sup>th</sup> ed. (2011/2012); 12<sup>th</sup> ed. (2016/2017); (ii) **Who's Who in Finance and Industry:** 31<sup>st</sup> ed. (2000/2001), 32<sup>nd</sup> ed. (2001/2002); (iii) **Who's Who in World:** 17<sup>th</sup> ed. (2000), 19<sup>th</sup> ed. (2001), 20<sup>th</sup> ed. (2002), 22<sup>nd</sup> ed. (2005), 23<sup>rd</sup> ed. (2005), 24<sup>th</sup> ed. (2007), 25<sup>th</sup> ed. (2008), 26<sup>th</sup> ed. (2009), 27<sup>th</sup> ed. (2010); 28<sup>th</sup> ed. (2011); 29<sup>th</sup> ed. (2012); 30<sup>th</sup> ed. (2013); 31<sup>st</sup> ed. (2014); 32<sup>nd</sup> ed. (2015); 33<sup>rd</sup> ed. (2015); 35<sup>th</sup> ed. (2018); 36<sup>th</sup> ed. (2019);

(b) American Biographical Institute: (i) **Five Hundred Leaders of Influence:** 8<sup>th</sup> ed. (1999); (ii) **International Profiles of Accomplished Leaders** (2001);

(c) International Biographical Centre: (i) **2000 Outstanding Scientists of the 21st Century:** 1<sup>st</sup> ed. (2006); (ii) **2000 Outstanding Scholars of the 21st Century:** 1<sup>st</sup> ed. (2001); (iii) **2000 Outstanding People of the 21st Century:** 1<sup>st</sup> ed. (2002); (iv) **2000 Outstanding Intellectuals of the 21st Century:** 1<sup>st</sup> ed. (2002), 2.izd. (2004), 3<sup>rd</sup> ed. (2006), 4<sup>th</sup> ed. (2008), 5<sup>th</sup> ed. (2008); 6<sup>th</sup> ed. (2011); 9<sup>th</sup> ed. (2015); (v) **2000 Eminent Scientists of Today** (2003); (vi) **2000 Outstanding Scientists of the 20th Century:** (2000); (vii) **2000 Outstanding Scholars of the 20th Century:** (2000), (2001); (viii) **2000 Outstanding People of the 20th Century:** 1<sup>st</sup> ed. (2000), 2<sup>nd</sup> ed. (2001); (ix) **Dictionary of International Biography:** 28<sup>th</sup> ed. (2000), 29<sup>th</sup> ed. (2001), 30<sup>th</sup> ed. (2003), 31<sup>st</sup> ed. (2004), 32<sup>nd</sup> ed. (2005), 33<sup>th</sup> ed. (2006), 34<sup>th</sup> ed. (2007), 35<sup>th</sup> ed. (2009); 36<sup>th</sup> ed. (2011), 37<sup>th</sup> ed. (2014); 38<sup>th</sup> ed. (2015); 38<sup>th</sup> ed. (2016); 39<sup>th</sup> ed. (2018); (x) **Cambridge Blue Book** (2007); (xi) **2000 Outstanding Scientists – 2010** (2010); (xii) **One World Series in Engineering** (2012);

(d) International Biographical Association: (i) **IBA Directory** (2002).

**DRIVING LICENCE(S)**

Category B – for cars and motorbikes

Boat leader's licence of competency

**SIGNATURE**

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