

**CURRICULUM VITAE** (max. 1 page)

Family name, First name: **Adnan IBRAHIMBEGOVIC** ;
 Birthplace: Sarajevo, Bosnia - Herzegovina (ex-Yugoslavia) ;
 Researcher ORCID identifier: <http://orcid.org/0000-0002-6502-0198> ;
 URL institution webpage: <https://ibrahimb.pers.utc.fr/>

- **EDUCATION**

1997 HDR-Habilitation for directing research in Mechanics/ University Pierre Marie Curie, Paris, France
 1989 PhD Structural Engineering, Mechanics, Materials/ University of California at Berkeley, USA [aver: 4/4]
 1984 Master Structural Engineering/ University of Zagreb, Croatia (ex-Yugoslavia) [average: 5/5]
 1981 Diploma Civil Engineering/ University of Sarajevo, Bosnia (ex-Yugoslavia) [average: 9.6/10]

- **CURRENT POSITIONS (two Chairs, at present)**

2014- Chair for Computational Mechanics, Univ. Technology Compiègne/ Sorbonne Universités, France
 [conduct interdisciplinary innovative research with partners of Sorbonne Universités, including Paris-Sorbonne, Univ. Pierre Marie Curie, INSEAD]
 2015- Senior Member IUF-Institut Universitaire de France [new "Collège de France" for 1% of French Professors, with very few positions for engineering – see: <http://www.iufrance.fr/les-membres-de-liuf/membre/1479-adnan-ibrahimbegovic.html>]

- **PREVIOUS POSITIONS**

1999-2014 Professor ‘Classe Exceptionnelle’, Civil Engineering, Ecole Normale Supérieure-Cachan, France
 1994-99 Professor, Mechanical Engineering, University Technology Compiègne, France
 1991-94 Research Engineer, Ecole Polytechnique Fédérale Lausanne, Switzerland
 1991-94 Professor, Civil Engineering, University of Sarajevo, Bosnia (ex-Yugoslavia)
 1989-91 Post-doc (with E.L. Wilson and R.L. Taylor), University of California, Berkeley, USA

- **FELLOWSHIPS AND AWARDS**

[**AWARDS:**] 2006 Fellow IACM International Association for Computational Mechanics
 2006 Humboldt Research Award in ‘Technischen Mechanik’, Germany [only award for French Mechanics in last 25 years]
 2007 National Science Foundation Research Award, Slovenia [1 of 8, the only one for Eng. Science in 2007]
 2009 Professor Classe Exceptionnelle, France [promoted by Elected Peers in CNU-University National Committee]
 2010 France-Berkeley Fund, France-USA // 2013 Claude Levy-Strauss Chair, University of Sao Paulo, Brazil
 2013 Asgard Chair, NTNU, Norway // 2014 Mercator Professor, TU Braunschweig, Germany
 2014 Ocean Systems Eng. Professor, KAIST, Korea // 2015 TUBITAK Professor, TU Istanbul, Turkey
 2015 IUF-Institut Universitaire de France - Membre Senior, France // 2016 French Chair for Sao-Paulo, Brazil
 2016 Mechanical Engineering Professor, KAIST, Korea // 2017 World Class Professor, Univ. of Indonesia
 [**FELLOWSHIPS:**] 1986 Fullbright Fellowship for ex-Yugoslavia, USA [1 of 8 given for all scientific disciplines]
 1987 George and Helen Popert Fellowship from CE Department at UC Berkeley, USA
 1988 UC Berkeley Regents Fellowship from University of California at Berkeley, USA
 1994 NSERC International Fellowship, Canada
 1998, 1999, 2000, 2004, 2005 ‘Hôte académique’, Ecole Polytechnique Fédérale Lausanne, Switzerland
 2005-2006 NATO Fellowships for collaboration with NATO partner countries: Slovenia, Croatia

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

40 Former (32 doctoral students, 5 post-docs, 3 Hab.) + 12 Current: (10 doctoral students, 2 post-docs)

Training young scientists: is my major contribution to launching careers of former research collaborators, who are at present with: each of the elite engineering schools in Paris (Ecole Centrale, Ecole des Ponts, ESTP), well-known technology institutes (MIT, PEER/UC-Berkeley, TU-Braunschweig, UT-Compiègne, INSA-Toulouse), French industry leaders (AREVA, EDF, Lafarge, Renault), computer software firms (ALTAIR, SAMTECH) and university professors in 10 different countries (France, Mexico, Czech Republic, Slovenia, Vietnam, Algeria, Bosnia, Croatia, Hungary, Turkey). [see Sec. 2 with details on last 10 years]

- **TEACHING ACTIVITIES (-extra curriculum courses)**

2000–2016 26 short courses for industry and academia taught in: Europe, Asia, South/Latin America [see Sec 2]

- **ORGANISATION OF SCIENTIFIC MEETINGS [with co-organizers / number of participants]**

2018 CILAMCE XXIX Ibero-Latin-American Congress on Computational Methods in Eng., Paris, [P. Pimenta]
 2017 ECCOMAS 3rd Conf. ‘Multiscale Comp. Methods for Solids and Fluids’, Ljubljana, [B. Brank, I. Kozar / 120]
 2016 9th US-France Symposium ICACM-Int. Center Comp. Appl. Mechanics, Compiègne [S. Bouvier, D. Kondo/ 100] ‘
 2015 ECCOMAS 2nd Conf. Multiscale Comp. Methods for Solids and Fluids, Sarajevo [J.M. Ghidaglia et al. /150]
 2014 / 2016 ACEM Advances in Civil, Environmental and Materials, Busan / Jeju, Korea [C.K. Choi / 650/ 500]
 2012 IASS-IACM 7th Conf. ‘Computational Mechanics for Spatial Structures’, Sarajevo [- / 250 participants]
 2009 BICTAM Conf. Meshfree/Meshless, Particle and Extended FEM, Nanjing, China [M.W. Yuan / 300]
 2007 ECCOMAS Conf. Multiscale Comp. Methods for Solids Fluids, Paris, [F. Dias, P. Wriggers, H. Matthies /150]
 2004 / 2006 / 2008 NATO-ARW Advanced Research Workshops, Slovenia / Croatia / Bosnia [B. Brank/I. Kozar/M. Zlatar/ 100]
 2001 EUROMECH427 Computational Technics in Dynamics of Structures and Multibody Systems, Paris [W. Schiehlen / 150]

Ten years track-record (max. 1 page)**PUBLICATIONS:** h-index/ # citations: [Scopus 32/ 3542](#), [Google-Scholar 42/ 5855](#) (Google i10=122)

Web of Science h-index: 31 / citations: 2984	Total Number	Last 10 Years	Last 5 Years
Peer Reviewed Journal Papers ^{**}	174	86	49
Conference Papers	298	161	71
Books ^{**} / Monographs ^{****}	7	5	1
Chapters in Books	29	18	12
Editor Journal Spec. Issues / Proceedings	20	11	6
Plenary, Keynote / Seminar, Inv. Lecture	55 / 54	28 / 41	15 / 18

* Best paper Award (Ibrahimbegovic, Gresovnik, Markovic, Melnyk, Rodic, 2005, Eng. Comp.),

** Literati Network Award for Excellence (Niekamp, Markovic, Ibrahimbegovic, Matthies, Taylor, 2009, Eng. Comp.)

*** Author of Graduate Textbooks (3): Ibrahimbegovic A., 'Nonlinear Solid Mechanics: Theoretical Formulations and Finite Element Solution Methods' [cca. 600 pages]; [translated in 3 languages]: 1) French edition: Hermes Science-Lavoisier, Paris, (2006) [nominee for Roberval Award for best university textbooks]; 2) English edition: Springer, Berlin, (2009) [top 25% Springer sales engineering series since publication]; 3) Ex-Yugoslav edition: University Press, Sarajevo, (2010);

**** Editor of Research Monographs (4): 1) Ibrahimbegovic A. (ed.), 'Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction', Springer, pp. 1-493, (2016); 2) Ibrahimbegovic A., M. Zlatar (eds.), 'Damage assessment and reconstruction after war or natural disaster', Springer, pp. 1-405, (2009); 3) Ibrahimbegovic A., I. Kozar (eds.), 'Extreme man-made and natural hazards in dynamics of structures', Springer, pp. 1-397, (2007); 4) Ibrahimbegovic A., B. Brank (eds.), 'Multi-physics and multi-scale computer models in nonlinear analysis and optimal design of engineering structures under extreme conditions', IOS Press, pp. 1-407, (2005)

EARLY CAREER-FORMER DOCTORAL AND HABIL. STUDENTS (26 in last 12 years)

Year of graduation: Name [current position: P=Professor ; L=Lecturer ; RE=Research Eng./Expert]:

-2017: A. Stanic [RE-TU- Braunschweig, Germany], I. Imamovic [RE-UTC, France]; -2016: Brancherie (hab.) [L- UTC, France], Do [RE, UTC, France] / -2015: Nikolic [L-Univ. Split, Croatia]; / -2013: Ayhan [P-TU Istanbul, Turkey], Jukic [RE, Univ. Ljubljana, Slovenia], Marenic [L-INSA Toulouse, France], Ngo [P-Univ. Hanoi, Vietnam], // -2012: Barthes [RE-PEER/UC Berkeley, USA], Rosic [RE-TU Braunschweig, Germany], // -2011: Bohinc [RE, ZAG-Nat. Civil Eng. Institute, Slovenia], Friedman [L-Univ. Budapest, Hungary]; // -2010: Colliat (hab.) [P-Univ. Lille, France], Benkemoun [L-Univ. Nantes, France], Dujc [RE-ZHAW Zurich Univ. Applied Science, Switzerland]; // -2009: Boulkertous [RE-AREVA, France], Hautefeuille [RE-MIT, Boston, USA], Jehel [L-Ecole Centrale Paris, France], Kassiotis [RE-Nuclear Safety Authority & L-Ecole des Ponts, Paris, France], Pham [P-Univ. Hanoi & RE-Ministry Const., Vietnam]; // -2007: Davenne (hab.) [P-Univ. Paris X, France], Kucerova [P-CVUT Prague, Czech Rep.], Melnyk [RE-GSE, France]; // -2005: Dolarevic [P-Univ. Sarajevo, Bosnia], Dominguez [P- Polytechnique, Mexico], Herve [P-ESTP & RE-EDF, France]

INVITED PLENARY / KEYNOTE CONFERENCE PRESENTATIONS (15 in last 5 years)

1) CILAMCE XXXVII Ibero-Latin American Congress on Comput. Methods in Eng., Brasilia, Brazil, Nov. 6-9, 2016; 2) SEMC 2016: The Sixth Int. Conf. on Structural Eng., Mechanics and Comput., Cape Town, South Africa, Sep. 5-7, 2016; 3) ACEM16: World Congress on Advances in Civil, Environmental, and Materials Research, Jeju, South Korea, Aug 28-Sep 1, 2016; 4) ICACM 2016: 9th US-France Symposium of Int. Center for Applied Comput. Mechanics, Compiègne, France, Jun 1-3, 2016; 5) JET2016 Int. Congress for Applied Mechanics, Hammamet, Tunisia, May 3-5, 2016; 6) XX Mexican Congress of Earthquake Eng., Acapulco, Mexico, Nov 24-27, 2015; 7) CSM-2015: Croatian Society of Mechanics Conf., Opatija, Croatia, Sep 29-Oct 2, 2015; 8) ECCOMAS MSF 2015: 2nd Int. Conf. on Multiscale Comput. for Solids and Fluids, Sarajevo, Bosnia, Jun 10-12, 2015; 9) ACEM14 'Advances in Civil, Environmental and Materials Research', Busan, Korea, Aug 24-28, 2014; 10) COMPLAS XII: 12th Int. Conf. on Comput. Plasticity, Barcelona, Spain, Sep 3-5, 2013; 11) 7th MIT Conf. on Comput. Solid and Fluid Mechanics – Focus: Multiphysics & Multiscale, Boston, USA, Jun 12-14, 2013; 12) IASS-IACM 2012: 7th Int. Conf. on Comput. Mechanics for Spatial Structures, Sarajevo, Bosnia, Apr 2, 2012; 13) ASEM'11plus: The First World Congress on Advances in Structural Engineering and Mechanics, Seoul, Korea, Sep 18-23, 2011; 14) Bled-4 Workshop: Performance Based Seismic Eng. – Vision for an Earthquake Resilient Society, Slovenia, Jun 24-27, 2011; 15) 6th MIT Conf. on Comput. Solid and Fluid Mechanics, Boston, USA, Jun 15-17, 2011;

INTERNATIONAL SHORT COURSES FOR INDUSTRY & ACADEMIA (26 in last 15 years):

-research-oriented courses on Computational Mechanics taught in Europe (France, Germany, Italy, Austria, Finland, Norway, Luxembourg), S. America (Brazil, Mexico) and Asia (Korea, Turkey); 2003-2007 taught together with R.L. Taylor of UC Berkeley

1) ECCOMAS MSF 2017 –(with F. deVuyst, H. Matthies), Univ. Ljubljana, Sep. 17-19, 2017; 2) 'PARAMUNC - PARAMeters UNCertainties', (with H. Matthies et al.), TU Budapest, July 3-7, 2017; 3) KAIST, Daejeon, July 11-22, 2016, Korea; 4) ECCOMAS Adv. Course, CVUT Prague, June 13-17, 2016 (with A. Combescure, R. Ohayon, K.C. Park) , Czech Republic; 5) UT Compiègne, France, Jan. 4-15, 2016; 6) IPN-Institut Polytechnique National, Mexico City, Nov. 17-19, 2015, Mexico; 7) ECCOMAS MSF, (with H. Matthies), June 8-9, 2015; 8) University of Rijeka, Croatia, Apr. 2-3, 2015; 9) UT Compiègne, France, Jan. 5-16, 2015; 10) Technical Univ., Istanbul, Oct. 23-31, 2014, Turkey; 11) KAIST, Daejeon, Aug. 11-22, 2014, Korea; 12) TU-Braunschweig, Feb. 6-Mar. 27, 2014, Germany; 13) short course for industry org. by Association of Structural Engineers, Sarajevo, Dec. 20-21, 2013, Bosnia; 14) Univ. of Luxembourg, July 1-5, 2013, Luxembourg; 15) Univ. of Sao Paulo, May 2-23, 2013, Brazil; 16) NTNU, Trondheim, Mar. 18-20, 2013, Norway; 17) Tampere Univ. Technology, June 4-7, 2012, Finland; 18) Univ. of Innsbruck, May 21-24, 2012, Austria; 19) IASS-IACM 2012 Conf. course (with H. Matthies), Sarajevo, Apr. 1-4, 2012, Bosnia; 20) short course for industry org. by Civil Eng. and Association of Structural Engineers, Sarajevo, April 11, 2011, Bosnia; 21) lectures 'French Science Today' delivered at IITs Bombay, Delhi, Madras and IISc Bangalore, June 28-July 2, 2010, India; 22) Univ. Pavia (with R.L. Taylor), May 14-18, 2007, Italy; 23) Univ. Stuttgart, Oct. 9-13, 2006, Germany; 24) TU Braunschweig (with R.L. Taylor), April 24-28, 2006, Germany; 25) Univ. Kaiserslautern, Jan. 30-31, 2006, Germany; 26) IPSI-course, (with R.L. Taylor), Paris, May 21-25, 2003, France