CURRICULUM VITAE

Professor Raša Karapandža, PhD

Professor Rasa Karapandza, PhD
Head of Chair of Finance

EBS Universität für Wirtschaft und Recht // EBS Business School
FACT Department, Finance
Academic Director of Master in Finance Program

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SSRN page
Facebook page for students
YouTube video channel with lectures

Primary fields of interest:

- Asset Pricing
- Investment Strategies
- Applied Game Theory
- Big Data and Computational Finance and Economics

Working Papers:

- "Home-country media slant" (with Benjamin Golez) — EFA 2018, AFA 2019.
- "The Forward-looking Disclosures of Corporate Managers: Theory and Evidence" 2016 - (with Reint Gropp & Julian Opferkuch).
- "The Rate of Market Efficiency" (with Jose M. Marin) 2012 – Revise and Resubmit in The Journal of Finance – Awarded research prize by DekaBank's IQ-KAP institute.

List of publications:

- „Out-of-Sample Equity Premium Predictability and Sample Split Invariant Inference (with Gueorgui I. Kolev) – The Journal of Banking & Finance, Volume 84, November 2017.
- Stock Returns and Future Tense Language in 10-K Reports – The Journal of Banking & Finance, Volume 71, October 2016 – Covered by the Wall Street Journal.
- Revealing the Hidden Language of Complex Networks (with Ömer Nebil Yaveroglu, Noël Malod-Dognin, Darren Davis, Zoran Levnajic, Vuk Janjic, Aleksandar Stojmirovic and Nataša Pržulj), Nature Scientific Reports, Volume 4, April 2014.
- Valuing Mortgage Insurance Contracts in Emerging Market Economies (with A. Bardhan and B. Urosevic), Journal of Real Estate Finance and Economics, Volume 32, Issue 1, (2006).
- Consequences of increased longevity on wealth, fertility, and population growth (with A. Bogojevic and A. Balaz), Physica A, Volume 387, Issues 2-3, (2008).
- Optimization of network of schools" (with A.Bogojevic and I.Ivic), a book published by UNICEF, ISBN 86-82471-51-5.

University employment and affiliation:

- **2018 – present**
  Visiting professor at NYU Abu Dhabi
- **2015 – present**
  Academic Director of Master in Finance, EBS Business School, Wiesbaden, Germany
- **2014 – present**
  Professor of Finance, EBS Business School, Wiesbaden, Germany
- **2009-14**
  Assistant Professor of Finance, EBS Business School, Wiesbaden, Germany
- **2009**
  PhD in Economics and Finance from Graduate School of Economic Barcelona, University Pompeu Fabra, Barcelona (summa cum laude)
- **2008**
  Visiting Scholar at the Department of Economics, New York University, USA
- **2006**
  Visiting Scholar at the HAAS School of Business, University of California at Berkeley, USA

Current Non-academic positions:

- Member of the board of directors of www.rs2.com
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Education:

- **2004**
  M.Sc. in Economic and Finance from University Pompeu Fabra, Spain
- **2002**
  B.Sc. in Astrophysics from University of Belgrade, Department of Mathematics, Serbia

Research grants & scholarships

- **2010**
  EU FP6 RICAFE2 joint project with LSE and Tilburg
- **2010**
  Barcelona Supercomputing Center Grant – FI-2010-2-0007
- **2010**
  Barcelona Supercomputing Center Grant – FI-2010-1-0019
- **2009**
  Barcelona Supercomputing Center Grant – FI-2009-3-0014
- **2009**
  Barcelona Supercomputing Center Grant – FI-2009-2-0008
- **2008**
  Barcelona Supercomputing Center Grant – FI-2008-3-0007
- **2008**
  Barcelona Supercomputing Center Grant – FI-2008-2-0017
- **2008**
  Barcelona Supercomputing Center Grant – FI-2008-1-0028
- **2005-2008**
  FPU Research Graduate Scholarship from Spanish Ministry of Education and Science
- **2004**
  FI Research Graduate Scholarship from Generalitat of Catalunya
- **2003**
  IGSOC Research Graduate Scholarship from Generalitat of Catalunya

Teaching Experience

- **2018**
  Foundations of Financial Markets (Undergraduate NYU Stern course)
- **2018**
  Fintech Innovation (Undergraduate course at NYU AD)
- **2015-2018**
  Mergers and Acquisitions (Graduate course at EBS)
- **2015-2018**
  Managing finance (Executive MBA course at EBS)
- **2011-2018**
  Asset Pricing and Derivatives (Graduate course at EBS)
- **2012-2018**
  Corporate finance (MBA course at EBS)
- **2013-2015**
  Corporate finance (Executive MBA course at EBS)
- **2009-17**
  Investments – (First semester undergraduate course at EBS)
- **2009-12**
  Derivatives and Stochastic processes (graduate course at EBS)
- **2004-06**
  Financial Economics I, Financial Economics II, Corporate Finance – Undergraduate courses at University Pompeu Fabra, Department of Economics
- **2005-2008**
  Preparatory courses for the Chartered Financial Analyst exams offered by the CFA Institute at South European Center for Contemporary Finance
- **2005-2008**
  Preparatory course for Professional Risk Managers (PRMTM) certification exams on Levels I-IV (i.e., all levels) at South European Center for Contemporary Finance
- **2005-2008**
  Mathematics and Modeling for Economics and Finance, Investments – Graduate courses in International Masters in Quantitative Finance program at University of Belgrade, Department of Economics

Awards

- **2017-18**
  EBS Student body elect favorite professor – Classroom excellence award
- **2017**
  EBS Business school Dean's research award as the best published Professor at EBS in 2017 according to Handelsblatt Ranking
- **2016**
  A research prize awarded by DekaBank's IQ-KAP institute for the paper "The Rate of Market Efficiency"
- **2016-17**
  EBS Student body elect favorite professor – Classroom excellence award
- **2016 - 2009**
  Elected – Honorary member of EBS University Student Association
  EBS Student body elect favorite professor – Classroom excellence award

Patents

- "RiskGuard*", a risk management solution for banks and other financial institutions (Serbian Institute for Intellectual Property patent No. A-380/08/2 of September 9, 2008).
- "Select9*", IFRS9 compliance solution for banks and other financial institutions (Patent pending).
- "Accurate*", software framework for building and testing credit rating/scoring models (Patent pending).

Teaching Activities:

Modules

- BSc Programming and Startup Skills 101
- MBA Finance
- MSc FIN Asset Pricing and Derivatives
- MSc PREP Finance
- MSc FIN Risk Management in Financial Institutions
- MSc FIN Mergers and Acquisitions

Courses

- MBA Finance
- MSc FIN Asset Pricing and Derivatives
- MSc PREP Finance
- BSc Finance I

Skills:

- In depth understanding of Blockchain technologies
- In depth understanding of Cryptography
- Programming skills in C, C++, Fortran, PHP, Java Script, Java, DHTML, Basic, Pascal, Perl, Python, Mathematica, Matlab, etc.
- Knowledge of database systems, MySQL, MS SQL, Oracle, SAP, Access, etc.
- Knowledge of statistical packages Stata, SAS, JPM, Origin, R, etc.
- Knowledge of system Administration of Linux, BSD/I, FreeBSD, OpenBSD, NetBSD, Mac OSX, IRIX, Microsoft Platforms, even some out of production systems like DOS, CP/M, BeOS, etc.
- Knowledge of parallel computing systems based on SGI commercial and other noncommercial systems like Beowulf, GRID
- Knowledge of Geographical Informational Systems by ESRI and AutoDesk
- Knowledge of computer networking security

Languages:

- English
- Spanish
- Croatian/Serbian
- German (B1 level)
- Russian (basic knowledge)