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### Professional Preparation

University of Belgrade, Yugoslavia	Civil Engineering	Dipl. Ing. (B.S.) 1988
Carnegie-Mellon University	Civil Engineering	M.S. 1990
University of California at Berkeley	Civil Engineering	Ph.D. 1995

### Appointments

2008 – today	Professor, CEE Department, University of California Berkeley
2006 – today	Director, NEES Equipment Site laboratory, University of California Berkeley
2003 – 2008	Associate Professor, CEE Department, University of California Berkeley
2000 – 2003	Assistant Professor, CEE Department, University of California at Berkeley
1995 – 1999	Assistant Professor, CEE Department, University of Michigan, Ann Arbor
1990 – 1995	Graduate Research Assistant, CEE Department, University of California at Berkeley
1988 – 1990	Graduate Research Assistant, CEE Department, Carnegie-Mellon University
1988	Research Engineer, Institute IMS, Belgrade, Serbia

### Publications

1. Mackie, K. and B. Stojadinovic, “R-factor Parameterized Bridge Damage Fragility Curves”, ASCE Journal of Bridge Engineering, August 2007, Vol. 12, No. 4, pp. 500-510.
2. Mosqueda, G., B. Stojadinovic and S. A. Mahin, “Real-Time Error Monitoring for Hybrid Simulation, Part I: Methodology and Experimental Verification”, ASCE Journal of Structural Engineering, August 2007, Vol. 133, No. 8, pp. 1100-1108.
3. Mosqueda, G., B. Stojadinovic and S. A. Mahin, “Real-Time Error Monitoring for Hybrid Simulation, Part II: Structural Response Modification with Errors”, ASCE Journal of Structural Engineering, August 2007, Vol. 133, No. 8, pp. 1109-1117.
4. K. Mackie and B. Stojadinovic, “Post-Earthquake Functionality of Highway Overpass Bridges”, Earthquake Engineering and Structural Dynamics, John Wiley and Sons, January 2006, Vol. 35, No. 1, pp. 77-93.
5. Stojadinovic, B., G. Mosqueda and S. A. Mahin, “Event-Driven Control System for Geographically Distributed Hybrid Simulation”, Journal of Structural Engineering, ASCE, Vol. 132, No. 1, pp. 68-77, January 2006
6. Arici, Y. and B. Stojadinovic, “Seismic Assessment of Safety-Critical Structures using Fragility/Hazard and Demand/Capacity Methodologies”, 100<sup>th</sup> Anniversary Earthquake Conference (8<sup>th</sup> NCEE), EERI, San Francisco, April 18-22, 2006, CD-ROM.
7. Stojadinovic, B., “Stability and Low-Cycle Fatigue Limits of Moment Connection Rotation Capacity”, Engineering Structures, April 2003, Elsevier Science, 25, pp. 691-700
8. H. Choi, B. Stojadinovic and S. C. Goel, “Design of Free Flange Moment Connection”, AISC Engineering Journal, January 2003, Vol.29, No. 1, pp. 25-41.
9. Leelataviwat, S., S. C. Goel and B. Stojadinovic, “Energy-based Seismic Design of Structures using Yield Mechanism and Target Drift”, ASCE J. of Str. Eng., August 2002, 128, No. 8, pp. 1046-1054.
10. B. Stojadinovic, B., “Design and Seismic Response of Upgraded Outrigger Knee Joints”, in ACI Committee 341 Special Publication SP-187: Seismic Response of Concrete Bridges, pp. 159-184, July 1999

## **Synergistic Activities**

- NSF George E. Brown Jr. NEES: PI of the *nees@berkeley* Equipment Site.
- NSF George E. Brown Jr. NEES: Co-PI on the University of California, Berkeley NEES Equipment Sites and collaborator on development of NEESgrid.
- CE 249 “Experimental Methods in Structural Engineering”: development of a new graduate student course with a strong focus on experimental techniques used in NEES. Web page for the course is at: <http://www.ce.berkeley.edu/~boza/courses/cee249/index.html>
- NSF CAREER Award “Haptic Models of Large Structures”: development of new teaching and research tools based on a using the sense of touch via a haptic computer interface.
- UC Berkeley College of Engineering Department SUPERB Committee member. SUPERB, URAP and GE Faculty for the Future Research Fellowship Program participant at the University of Michigan. Faculty sponsor for students from underrepresented groups in the Berkeley Edge Program.
- University of Michigan PIF project “Hazard Detection using Augmented Reality”: multi-disciplinary application of new technology.
- University of California, Berkeley EERI Student Chapter and ASCE Steel Bridge team faculty advisor. University Michigan ASCE Student Chapter faculty advisor.

## **Collaborators & Other Affiliations**

### **(i) Collaborators (in alphabetic order)**

Prof. Klaus-Peter Beier, University of Michigan, Ann Arbor, MI; Dr. Svetlana Brzev, BCIT, Vancouver, Canada; Prof. Scott Campbell, Kinetics Noise Control, Columbus, OH; Prof. Kevin R. Collins, US Coast Guard Academy; Prof. Reginald DesRoches, Georgia Tech, Atlanta, Prof. Gregory L. Fennes, University of California, Berkeley; Prof. Alonso Fernandez, National Polytechnic Institute, Oaxaca, Mexico; Prof. Subhash C. Goel, University of Michigan, Ann Arbor; Prof. Tatijana Isakovic, University of Ljubljana, Slovenia; Prof. Roberto Leon, Georgia Tech, Atlanta; Prof. Stephen A. Mahin, University of California, Berkeley; Prof. Kurt McMullin, San Jose State University, Prof. Jack P. Moehle, University of California, Berkeley; Prof. Khalid Mosalam, University of California, Berkeley; Prof. Andrew Reinhorn, University at Buffalo; Prof. Enrico Spacone, University of Pescara, Italy; Prof. Benson Shing, University of Colorado, Boulder; Prof. Iris Tommelein, University of California, Berkeley.

### **(ii) Graduate and Post Doctoral Advisors**

Prof. Christopher R. Thewalt, Cyra Technologies, Inc.; Prof. Stephen A. Mahin, University of California at Berkeley; Prof. Egor P. Popov, University of California at Berkeley.

### **(iii) Thesis Advisor and Postgraduate Scholar Sponsor**

Ms. Catherine Whyte, Mr. Clement Barthes, Mr. Jeffrey Hunt, Ms. Vesna Terzic, Dr. Annalisa Scacchioli, Ms. Ady Aviramtraubita, Ms. Parisa Mansouri-Dana, Ms. Meghann Rand, Mr. Nicolas Woringer, Ms. Jan Goethals, Mr. John-Michael Wong, Mr. Tammer Botros, Dr. Akshay Sthapit, Dr. Tony Yang, Mr. Georgios Petropoulos, Dr. Kevin Mackie, Dr. Gilberto Mosqueda, Dr. Taejin Kim, Dr. Kyungkoo Lee, Dr. Jaesung Park, Mr. Tim Wiley, Dr. Dae-Yong Lee, Dr. Areg G. Margarian, Dr. Mohamed B. Fahmy, Dr. Arnon Wongkaew, Dr. Jae-Hyung Choi, Dr. Sutut Leelataviwat, Dr. Kyoung-Hyeog Lee, Dr. Madhusudan Kunthia, Dr. Tomaz Sokol, Dr. Leslaw Kwasniewski, Mr. Wojciech Witkowski, Dr. Sun-gul Hong, Dr. Yalin Arici, Dr. Sang-Whan, Han