

**Bio:** Yuri Bazilevs is the E. Paul Sorensen Professor in the School of Engineering at Brown University, where he is the inaugural Director of the Mechanics of Undersea Science and Engineering (MUSE) center and served as the Lead and Executive Committee representative of the Mechanics of Solids and Structures group. Yuri's research interests are in computational mechanics, with emphasis on the modeling and simulation in solids and structures, fluids, and their coupling in HPC environments. For his research contributions Yuri received many awards and honors, including the 2018 Walter E. Huber Research Prize from the ASCE, the 2020 Gustus L. Larson Award from the ASME, and the 2022 Computational Mechanics Award from the International Association for Computational Mechanics (IACM). He is included in the lists of Highly Cited Researchers, both in the Engineering (2015-2018) and Computer Science (2014-2019) categories. Yuri recently completed his service as the President of the US Association for Computational Mechanics (USACM) and as the Chairman of the Applied Mechanics Division of the ASME. He currently serves on the US National Committee for Theoretical and Applied Mechanics (USNCTAM) as a Member-at-Large, the Board of Directors of the USACM, and the Executive Council of the IACM. **Webpage:** <https://vivo.brown.edu/display/ybazilev>.