

Hrvoje Buljan – Professor, Department of Physics, Faculty of Science, University of Zagreb

Hrvoje Buljan received a MSc degree in physics from the University of Zagreb in 1997 and defended his PhD thesis at the same university in 2002. In the period from 2002-2004 he was a postdoctoral fellow at the Technion, Israel Institute of Technology. His research at the time was focused on nonlinear optical phenomena such as incoherent solitons. After the postdoc period he moved back to the University of Zagreb as an Assistant Professor and formed his group with diverse activities including photonics, condensed-matter systems, quantum gases. HB authored and co-authored more than 88 publications in peer reviewed journals with ~4300 citations in Web of Science. HB was promoted to the rank of Associate Professor of Physics at the University of Zagreb in 2009, and to the rank of Full Professor in 2013. He received the Annual Croatian State Award for Science in 2010, the Andrija Mohorovičić award in 2019, and the Croatian Academy of Sciences award in 2023. He mentored 7 PhD theses and more than 40 diploma theses. HB is the PI on several research projects including the Scientific Center of Excellence for Quantum and Complex Systems including 80 scientists from 9 Croatian public institutions and 5 MEUR from EU Regional and Development Fund (2015-2025). At the Brijuni conference, he will present applications of his work in space technologies.