Professor Evgeniy Krastev, PhD

Evgeniy Krastev is Professor in Computer science at the Faculty of Mathematics and Informatics of Sofia university St. Kliment Ohridski that is the largest and most prestigious educational and scientific centre in Bulgaria since its establishment in 1888. Krastev has more than 37 years of professional experience in teaching BSc, MSc and PhD students as well as participating in large-scale commercial and research projects (27) with software applications in robotics and eHealth. Currently his responsiblities include management of the MSc degree program *"BioMedical informatics"* at the Faculty of Mathematics and Informatics of Sofia university.

Evgeniy Krastev received his PhD in the research area of robotics from Sofia University by defending the thesis "Kinematic path control of a robot manipulator" in 1986.He was Head of the Computer science department at Frederick Institute of technology in Cyprus, Nicosia (1993-1999) and at the American University of Technology, Lebanon (2000-2001). During that period he has delivered lectures in Computer science at the Empire State College of the State University of New York (USA). He is elected Associate Professor (2006) and full Professor (2017) at Sofia university.

Evgeniy Krastev is author of more than 80 publications (ORCID). Currently his research interests include object-oriented modelling, semantic interoperability standards in eHealth, control of robotic and mechatronic systems, data harmonization and common data models. He has participated in all the IARIA events since 2019 as author (including best paper awards), reviewer, panellist, session chair and keynote speaker. Some prominent examples of his work published at IARIA conferences are:

[1] Evgeniy Krastev, Dimitar Tcharaktchiev, Lyubomir Kirov, Petko Kovatchev, Simeon Abanos, and Alexandrina Lambova, "Software Implementation of the EU Patient Summary with Archetype Concepts", In Proceedings of GLOBAL HEALTH 2019, The Eighth International Conference on Global Health Challenges, Porto, Portugal, pp. 8- 13 (September 2019).

[2] Panellist in Discussion panel (*"New Trends in Citizen- oriented Services"*) in GLOBAL HEALTH 2019.

[3] Evgeniy Krastev, Dimitar Tcharaktchiev, Petko Kovachev, Simeon Abanos, "International Patient Summary Standard Based on Archetype Concepts" International Journal on Advances in Life Sciences, , vol. 12, no. 1 & 2, , 34 :46, IARIA (2020) ISSN 1942-2660

[4] Organizing the Special track *"Patient- Centric eHealth Services"* at the GLOBAL HEALTH conference in October 2020. Co-authoring three short papers in that special track ("Semantic Interoperability of Medical Information Systems and Scientific Repositories", "Modelling and Management of ePrescriptions on openEHR platform in Bulgarian eHealth", "Management of Clinical Concepts in Bulgarian Healthcare Using openEHR Specifications")

[5] Keynote *"Challenges and Advanced Technology Solutions in Applied Health Informatics (Case studies from the Bulgaria)"* at GLOBAL HEALTH 2022 conference (November 2022)

[6] Evgeniy Krastev, Petko Kovachev, Simeon Abanos, Dimitar Tcharaktchiev, Common Data Model for Interoperability of Observational Health Data: Bulgarian Diabetes Register Pharmacology Case Study, In Proc. Of GLOBAL HEALTH 2023 : The Twelfth International Conference on Global Health Challenges, IARIA, pp. 25- 31, September 2023, ISBN: 978-1-68558-112-1, ISSN: 2308-4553