

Bursa Technical University

Mathematics Department

Erasmus+ Staff Mobility

Seminar: 28th march 2023

11:00 – 12:00

Title: Exploring the Intersection of Mathematics and Industry: A Non-Technical Talk about Data Science, Computer Vision and Natural Language Processing.

Summary: Data Science, Machine Learning and Artificial Intelligence has been a very hot research and development topic over the last 10 years. Well-known Computer Vision products like smart surveillance cameras with the ability to detect and track objects in real-time are widely used for some years now. Also, regarding Natural Language Processing, the first product aiming general adoption has just been released, the so-called ChatGPT. The relevance in industry and academia of these topics will be discussed, some real-world applications and challenges will be shared. This will be a non-technical talk based on the speaker's academic and industry experience.

Short CV: Nuno Lavado is Adjunct Professor at the Dep. of Physics and Mathematics, Polytechnic University of Coimbra - ISEC (Coimbra Institute of Engineering), Portugal. He has been an Associate at The Nielsen Company, based in Oxford, UK, covering the Nordic Countries as a Data Science Business Leader. He holds a PhD in Quantitative Methods, Statistics and Data Analysis by the ISCTE-IUL Business School, Portugal, where he collaborated as an Integrated Research Member. His background also includes a degree in Mathematics and a MSc degree in Statistics and Information Management.

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