

# The 21st IEEE International Conference on Machine Learning and Applications (IEEE ICMLA 2022)

## Keynote talk: **Exemplar-based Deep Learning**

December 12-15, 2022, The Bahamas, Caribbean

<https://www.icmla-conference.org/icmla22/>

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## Plamen Angelov

### Biographical data of the speaker:

**Prof. Angelov** (MEng 1989, PhD 1993, DSc 2015) is a Fellow of the IEEE, of the IET and of the HEA. He is Governor of the International Neural Networks Society (INNS) being his Vice President for two terms until the end of 2020. He holds a **Personal Chair** in Intelligent Systems at Lancaster University, UK. He has authored or co-authored **350+ peer-reviewed publications in leading journals**, peer-reviewed conference proceedings, 6 patents, three research monographs (by Wiley, 2012 and Springer, 2002 and 2019) **cited over 12300+ times** with an **h-index of 58**. He is the founding Director of LIRA (Lancaster Intelligent, Robotic and Autonomous systems) Research Centre ([www.lancaster.ac.uk/lira](http://www.lancaster.ac.uk/lira)), which includes over 50 academics across 15 Departments from all Faculties of the University. He has an active research portfolio in the area of computational intelligence and machine learning and internationally recognised results into online and evolving learning and explainable AI. Prof. Angelov leads numerous projects (including several multimillion ones) funded by UK research councils, EU, industry, UK MoD. His research was recognised by 2020 Dennis Gabor Award “for outstanding contributions to engineering applications of neural networks” as well as ‘The Engineer Innovation and Technology 2008 **Special Award**’ and ‘**For outstanding Services**’ (2013) **by IEEE** and INNS. He is also the **founding co-Editor-in-Chief** of Springer’s journal on *Evolving Systems* and **Associate Editor** of several leading international scientific journals, including *IEEE Transactions on Fuzzy Systems*, of the *IEEE Transactions on Cybernetics*, *IEEE Transactions on AI* as well as of several other journals such as *Fuzzy Sets and Systems*, *Soft Computing*, etc. He gave over a dozen **plenary and keynote talks** at high profile conferences. Prof. Angelov was General co-Chair of a number of high profile conferences. He was also a member of International Program Committee of 100+ international conferences (primarily IEEE). More details can be found at [www.lancs.ac.uk/staff/angelov](http://www.lancs.ac.uk/staff/angelov)