Prof. Sergios Theodoridis

Division Signal Processing and Machine Learning
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Research Fields

Adaptive Algorithms, Distributed and Sparsity-Aware Learning, Machine Learning and Pattern Recognition, Signal Processing and Learning for Bio-Medical Applications and Audio Processing and Retrieval

Positions, Awards and Projects

Sergios Theodoridis is currently Professor of Signal Processing and Machine Learning in the Department of Informatics and Telecommunications of the National and Kapodistrian University of Athens and he is the holder of a part time Chair at the Chinese University of Hong Kong, Shenzhen.
He is the recipient of the 2017 EURASIP Athanasios Papoulis Award, the 2014 IEEE Signal Processing Society Education Award and the 2014 EURASIP Meritorious Service Award. He has served as a Distinguished Lecturer for the IEEE Signal Processing as well as the Circuits and Systems Societies.
He was Otto Monstead Guest Professor, Technical University of Denmark, 2012, and holder of the Excellence Chair, Dept. of Signal Processing and Communications, University Carlos III, Madrid, Spain, 2011.
He currently serves as Vice President IEEE Signal Processing Society.
He has served as President of the European Association for Signal Processing (EURASIP), as a member of the Board of Governors for the IEEE Circuits and Systems (CAS) Society, as a member of the Board of Governors (Member-at-Large) of the IEEE SP Society and as a Chair of the Signal Processing Theory and Methods (SPTM) technical committee of IEEE SPS.
He has served as Editor-in-Chief for the IEEE Transactions on Signal Processing. He is Editor-in-Chief for the Signal Processing Book Series, Academic Press and co-Editor in Chief for the E-Reference Signal Processing, Elsevier. He is Fellow of IET, a Corresponding Fellow of the Royal Society of Edinburgh (RSE), a Fellow of EURASIP and a Fellow of IEEE.

Publications

He is the author of the book "Machine Learning: A Bayesian and Optimization Perspective" Academic Press, 2015, the co-author of the best-selling book "Pattern Recognition", Academic Press, 4th ed. 2009, the co-author of the book "Introduction to Pattern Recognition: A MATLAB Approach", Academic Press, 2010, the co-editor of the book "Efficient Algorithms for Signal Processing and System Identification", Prentice Hall 1993, and the co-author of three books in Greek, two of them for the Greek Open University.
He is the co-author of seven papers that have received Best Paper Awards including the 2014 IEEE Signal Processing Magazine Best Paper award and the 2009 IEEE Computational Intelligence Society Transactions on Neural Networks Outstanding Paper Award.

More Information

http://cgi.di.uoa.gr/~stheodor/index.html