Contribution ID: **290**   Type: **Sectional reports**

Time Series and Data Analysis Based on Hybrid models of Deep Neural Networks and Neuro-Fuzzy Networks

Thursday, 13 September 2018 17:15 (15 minutes)

In this paper we consider approach to data analysis and time series forecasting based on hybrid models. This models contains a Deep NN models and Neuro-Fuzzy networks. We are show an overview of new approaches for data science field - time series and data analysis. Also, we propose our models of DL and Neuro-Fuzzy Networks for this task. Finally we show possibility of using this models for data science tasks.

Primary author: Mr YARUSHEV, Sergey (Plekhanov Russian University of Economics)

Co-author: Dr AVERKIN, Alexey (Plekhanov Russian University of Economics)

Presenters: Dr AVERKIN, Alexey (Plekhanov Russian University of Economics);   Mr YARUSHEV, Sergey (Plekhanov Russian University of Economics)

Session Classification: 11. Big data Analytics, Machine learning

Track Classification: 11. Big data Analytics, Machine learning