Call for Papers

Special Session: Data Mining in Industrial Applications

Within the 2013 IEEE Symposium Series on Computational Intelligence
IEEE SSCI 2013

The objective of this special session in IEEE SSCI 2013 is to provide an open forum for meeting and exchanging research ideas among researchers and engineers from industry and academia on solving industrial problems using data mining technologies, presenting new data mining technologies developed using computational intelligence to discover knowledge from big data, and to facilitate the fast transfer of technology from research labs into commercial products by demonstrating data mining systems developed for solving real-world problems.

Submissions to the Special Session should be centered on theoretical results or applications of computational intelligence to the Digital Economy. Topics of interests include but are not limited to:

- Data Mining for Logistic and Supply Chain Management
- Multimedia data mining for marketing
- E-Commerce (Mining Logfiles, Behavioral Targeting)
- Mining multi-channel time series signals for Classification & Prediction
- Data mining for Deviation and Novelty Detection
- Goodness Measures and Evaluation (e.g. false discovery rates)
- Visualization of high dimensional data
- Frequent Pattern Mining
- Learning and Adaptive Control
- Learning/Adaption of Recognition and Perception
- Time Series and Sequential Pattern Mining
- Data mining algorithms and systems for industrial applications including engineering fault diagnostics, energy industry, market forecast, real-time multi-channel monitoring systems, business intelligence

Organizers:
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Important dates
Paper submission: 10 Oct 2012
Decision: 05 Jan 2013
Final submission: 05 Feb 2013
Early Registration: 05 Feb 2013

Please make sure to select this special session at the “main research topic”