

EURO 2019: Stream "**Multiple Classifier Systems and Their Applications**" -- Call for invited sessions -- Call for presentation abstracts -- deadline February 8, 2019  
30<sup>th</sup> European Conference On Operational Research (Dublin, 23-26 June 2019)  
Abstracts: max. 1500 chars | **Submission deadline: February 8, 2019**

Submission page : <https://www.euro-online.org/conf/euro30/> |

<http://euro2019dublin.com/abstract-submission/>

Abstract submission. Abstracts must be written in English and contain no more than 1500 characters (no formulas or mathematical notations are allowed).

----- Apologies for any cross postings -----

Multiple classifier systems, or ensemble classifiers, have proven their substantial merits in a great number of domains in practices and literature. We hereby kindly invite you to contribute to the stream "Multiple Classifier Systems and Applications" that we are organizing for the EURO 2019 conference.

As you may know, EURO 2019, the 30<sup>th</sup> European Conference On Operational Research, will be held in Dublin, Ireland, from June 23 to 26, 2019 (<http://euro2019dublin.com/>).

The stream is dedicated to ensemble classifier algorithms and their applications in multiple domains and welcomes both theoretical and empirical studies. The stream welcomes, but is not limited to, contributions on the following topics:

- MCS in medicine, health and bioinformatics
- MCS for fraud detection
- MCS for online learning and tackling concept drift
- Interpretability in MCS
- Incorporation of domain and expert knowledge
- Ensemble learning in business and customer analytics
- MCS algorithms for class imbalanced and cost-sensitive learning
- MCS for semi-supervised, one-class, multi-attribute learning
- Ensemble pruning and selection, classifier selection
- MCS for feature selection
- Parallel and distributed computing for implementing MCS
- Random forests, stochastic gradient boosting, adaboost, rotation forests, bagging, ECOC, etc.
- Integration of Deep Learning Theories
- Optimization for Machine Learning and Data Mining

Your contribution could be an abstract for an oral presentation or a proposal for a session with a number of talks. **If you would like to submit your abstract, please use the codes below when submitting via <https://www.euro-online.org/conf/euro30/> for appropriate sessions**

**Sessions in this stream:**

<b>Session Title</b>	<b>Session Chair</b>	<b>Session Code</b>
<b><u>Ensemble and Classifier Selection Algorithms and Applications</u></b>	Duygu Ucuncu, Sureyya Ozogur-Akyuz	388e7412
<b><u>Ensemble Learning Applications for Business Analytics</u></b>	Koen De Bock	9a43c186
<b><u>Optimization Theory Behind Data Mining</u></b>	Sureyya Ozogur-Akyuz Duygu Ucuncu	57b088da
<b><u>Deep Learning Theories</u></b>	Sureyya Ozogur-Akyuz Duygu Ucuncu Koen De Bock	f0c24fef

*If you are interested in organizing a dedicated session within the MCSA stream, please e-mail us your idea and, if any, the talks you wish to assign to your session.*

With our best regards,

**Stream Organizers:**

Dr. Sureyya Ozogur-Akyuz, Associate Professor of Applied Mathematics at Bahcesehir University, Istanbul, Turkey ([sureyya.akyuz@eng.bau.edu.tr](mailto:sureyya.akyuz@eng.bau.edu.tr))

Dr. Koen W. De Bock, Associate Professor of Marketing at Audencia Business School, Nantes, France ([kdebock@audencia.com](mailto:kdebock@audencia.com))

**Session organizers:** Duygu Ucuncu (PhD cand) Research Assistant at Bahcesehir University, Istanbul, Turkey ([duygu.ucuncu@eng.bau.edu.tr](mailto:duygu.ucuncu@eng.bau.edu.tr))