

“Augmenting Human Intelligence with Artificial Intelligence”

CD-MAKE 2018

2nd International IFIP Cross Domain Conference for Machine Learning & Knowledge Extraction

CD-MAKE is a joint effort of IFIP TC 5, IFIP TC 12, IFIP WG 8.4, IFIP WG 8.9 and IFIP WG 12.9 and is held in conjunction with the International Conference on Availability, Reliability & Security, ARES 2018

Universität Hamburg, Germany, August 27-30, 2018

Conference Website <https://cd-make.net>

Submission link <https://easychair.org/conferences/?conf=cdmake2018>

Submission Deadline: April, 01, 2018

Author Notification: May, 27, 2018

Camera Ready Deadline: June, 27, 2018

The goal of the CD-MAKE conference is to act as an innovative catalysator and to bring together researchers from the following seven thematic sub-areas in a cross-disciplinary manner, to stimulate fresh ideas and to encourage multi-disciplinary problem solving:

- ① DATA - Data science (data fusion, preprocessing, mapping, knowledge representation, discovery)
- ② LEARNING - Machine learning algorithms, contextual adaptation, explainable-AI, causal reasoning
- ③ VISUALIZATION - and visual analytics, intelligent user interfaces, human-computer interaction
- ④ PRIVACY - data protection, safety, security, ethics, acceptance and social issues of ML
- ⑤ NETWORK - graphical models, graph-based ML
- ⑥ TOPOLOGY - geometrical machine learning, topological data analysis, manifold learning
- ⑦ ENTROPY - time and machine learning, entropy-based ML

Note: Double blind review: CD-MAKE requires anonymized submissions - please make sure that submitted papers contain no author names or obvious self-references. Each paper will be reviewed by at least three experts from the scientific conference committee.

Submissions are not required to have a definite page number, but papers shall be between 10 and maximal 20 pages, and, in any case, shall have even pages to ensure smooth page breaks, e.g. 10, 12, 14, 16, 18, 20 pages.

CD stands for Cross-Domain and means the integration and appraisal of seemingly disparate fields (e.g. algebraic topology, entropy, geometry, etc.) and different application domains (e.g. Health, Industry 4.0, AAL, Automotive Engineering, etc.) to provide an atmosphere to foster different perspectives and opinions. The conference is dedicated to offer an international platform without any boundaries for novel ideas and a fresh look on the methodologies to put crazy ideas into Business for the benefit of society. Serendipity is a desired effect, and shall cross-fertilize methodologies and transfer of algorithmic developments.

2017 Accepted Papers have been published by Springer LNCS.

Welcome to Hamburg, August 27-30, 2018