



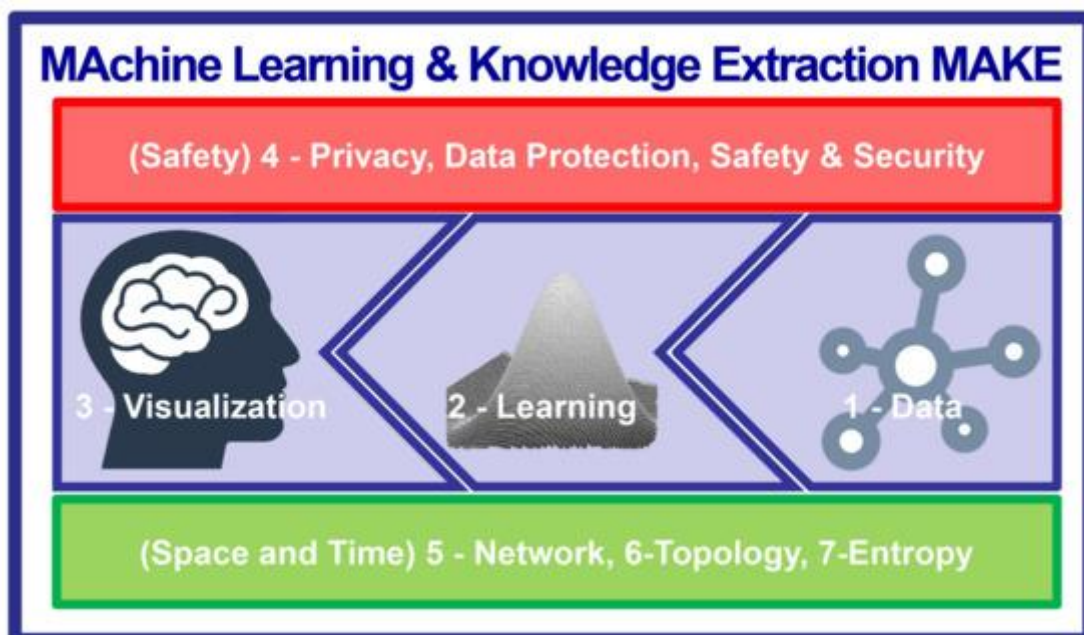
Call for Papers
3rd International Cross Domain Conference for
Machine Learning & Knowledge Extraction (CD-MAKE 2019)

CD-MAKE is a joint effort of IFIP TC 5, TC 12, IFIP WG 8.4, WG 8.9 and WG 12.9 and is held in conjunction with the 14th International Conference on Availability, Reliability and Security ARES 2019 **August 26th – August 29th, 2019 at Canterbury (UK)**

Machine learning is the workhorse of Artificial Intelligence with enormous challenges in various application domains. Successful Machine Learning needs a concerted international effort without boundaries, supporting collaborative and integrative cross-disciplinary research between experts from seven fields.

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



IMPORTANT DATES

Paper Submission Deadline: April 8, 2019
Author Notification: May 24, 2019
Author Registration (latest): June, 17, 2019
Camera Ready (hard deadline!): June 23, 2019
Conference: August 26 – 29.2019

Submission Link

<https://easychair.org/conferences/?conf=cdmake2019>

Each paper will be reviewed by at least three experts from the HCI-KDD expert network.

Accepted Papers will appear in Springer Lecture Notes in Computer Science (LNCS) and there is also always the opportunity to publish in our MAKE Journal:
<https://www.mdpi.com/journal/make>

There is also a thematic session on explainable AI:

<https://hci-kdd.org/make-explainable-artificial-intelligence-2019>

In line with the ex-AI session we have 2019 a unique opportunity for interested authors. We have an open call for papers in the Springer/Nature BMC Journal Medical Informatics and Decision Support (MIDM, SCI-Impactfactor 2.134) during the whole year, where papers can be submitted and – given acceptance – can also be presented at the conference. Vice versa, we have the opportunity that presented papers at the conference can be expanded and published into the journal.

CONFERENCE CO-CHAIRS

Andreas HOLZINGER, (Co-Chair)

a.holzinger@hci-kdd.org

Peter KIESEBERG (Co-Chair)

pkieseberg@sba-research.org

Edgar WEIPPL (Co-Chair)

eweippl@sba-research.org

A Min TJOA (Co-Chair)

amin@ifs.tuwien.ac.at

CONFERENCE COMMITTEE

The organically grown HCI-KDD expert network will support this conference. Experts in the network are listed thematically according to the 7 fields shown above.

For all further information please consult the conference Webpage

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