Call for Papers: NLPCC 2019 - Explainable AI Workshop

Oct 12, 2019 | Dunhuang, China
Submission deadline: July 20, 2019
http://tcci.ccf.org.cn/conference/2019/xai.php

Overview

Though deep learning has made a big progress in recent years, it appears weak in interpretability of the reasoning process and decision results. Some people consider deep learning in the current stage as alchemy, instead of science. It would raise a big concern while deep learning is applied in mission-critical scenarios. For this reason, the explainable AI have received a great attention from research to industry. This workshop will provide a forum for sharing the insights about explainable AI, exchanging the state-of-the art of explainable AI research and applications, discussing future direction and further work in this area.

Topics

The scope of this workshop will include but not limited to:

- Algorithms, tools, frameworks for Explainable AI
- Modified deep learning models with interpretable features
- Structured, interpretable, causal models
- Inferring an explainable model from any model as a black box
- Evaluation for explainablity, metrics and measurement
- Combination of human intelligence (HI) and machine intelligence (MI)
- Explanation interfaces
- Business applications of explainable AI
- Fairness, Accountability, and Transparency in AI
- Ethical aspects and law, legal issues and social responsibility

Paper Submission

The manuscripts are expected to be formatted in accordance with Springer style sheets [LaTeX] [Microsoft Word], in PDF format, and submitted electronically through the website https://www.softconf.com/j/xai2019/. For first submission, a full paper of 8-12 pages is preferred and an abstract of 1-3 pages is also welcome. After confirmation, the abstract needs to be extended to full paper as final version. All submissions will be peer reviewed by two members of our international program committee. Accepted submissions will be presented at the workshop orally or as poster and published in the NLPCC 2019 proceedings.

Important Dates

- Paper/Abstract submission deadline: July 20, 2019
- Notification: Aug 5, 2019
- Camera-ready submission: Aug 15, 2019

Workshop Organizers

- Feiyu Xu, Lenovo Research
- Dongyan Zhao, Peking University
- Jun Zhu, Tsinghua University

Program Committee

- Roberto Navigli, Sapienza University of Rome, Italy
- Haojin Yang, Hasso Plattner Institute, Germany
- Jörn Hees, German Research Center for Artificial Intelligence (DFKI), Germany
- Sven Schmeier, German Research Center for Artificial Intelligence (DFKI), Germany
- Freddy Lecue, CortAIx, Thales, Canada & INRIA, France
- Shixia Liu, Tsinghua University, China
- Hang Su, Tsinghua University, China
- Mengchen Liu, Microsoft Research Asia, China
- Chengqing Zong, Chinese Academy of Science, China
- Jin Zhang, Nankai University, China

Local Organizing Committee

- Yangzhou Du, Lenovo Research, China
- Gang Chen, Lenovo Research, China