Editorial

Special Guest Editor: Dr Stelios Kapetanakis

In this issue of Expert Update, we have included summaries of the talks presented at the UK Symposium on Knowledge Discovery and Data Mining (UKKDD) in 2019. The UKKDD series is a forum for discussion, dissemination, and exchange of ideas between practitioners and researchers working within the broad field of Knowledge Discovery and Data Mining (KDD). It is organised on behalf of [BCS SGAI](http://www.bcs-sgai.org/) - the BCS Specialist Group on Artificial Intelligence. The 2019 symposium was a free event and was held in the evening of the May 23rd at the BCS Office in London.

The first talk was titled *Building Adaptive Data Mining Models on Streaming Data in Real-Time: an Outlook on Challenges, Approaches and Ongoing Research.* The talk was presented by Dr Frederic Stahl from the University of Reading and the German Research Center for Artificial Intelligence highlighted key concepts and emergent techniques in Data Stream Mining (DSM), drawing from some of the presenter’s own research but also drawn from significant pieces of work in the research field of Data Stream Mining. The talk furthermore explored challenges, opportunities and featured real-life examples.

The second walk presented by Dr Varun Ojha from the University of Reading and was titled *Do the dynamics of the city environment influence us and how?* The talk featured research conducted by the author at ETH Zurich. The presented research used Machine Learning approaches for investigating relationships between the dynamics of city environments and human perception. The Machine Learning aimed at deriving a human perception indicator, pattern and factors of influence. The research was conducted in Zurich, one of the most liveable cities.