In the era of “big data” there is an unprecedented increase in the amount of data collected in data warehouses. Extracting meaning and knowledge from these data is crucial for governments and businesses to support their strategic and tactical decision making. Furthermore, artificial intelligence (AI) and machine learning (ML) makes it possible for machines, processing large amounts of such data, to learn and execute tasks never before accomplished. Advances in big data-related technologies are increasing rapidly. For example, virtual assistants, smart cars, and smart home devices in the emerging Internet of Things world, can, we think, make our lives easier. But despite perceived benefits of these technologies/methodologies, there are many challenges ahead. What will be the social, cultural, and economic challenges arising from these developments? What are the technical issues related, for example, to the privacy and security of data used by AI/ML systems? How might humans interact with, rely on, or even trust AI predictions or decisions emanating from these technologies? How can we prevent such data-driven intelligence from being used to make malicious decisions?

Authors are invited to submit original, unpublished research work, as well as industrial practice reports. Simultaneous submission to other publication venues is not permitted. All submissions must adhere to IEEE Publishing Policies, and all will be vetted through the IEEE CrossCheck portal. For full CFP and conference information, please visit the conference website at WWW.COMPSAC.ORG

IMPORTANT DATES
October 1, 2018: Workshop proposals due
October 30, 2018: Workshop proposal notifications
January 21, 2019: Abstracts and full papers due
April 7, 2019: Paper notifications
April 15, 2019: Workshop papers due
May 1, 2019: Workshop paper notifications
May 17, 2019 – Camera ready submissions and advance author registration due

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