8.03.2021-Webinar 1: Social Impacts of Big Data Analysis and Machine Learning – Educational Implications

Intentions of this webinar

In this webinar, researchers, practitioners, and decision-makers will have their say through a panel discussion and online comment, exchanging experiences and views on respective thematic areas. All participants will have the opportunity to join the discussion via moderated chat and Twitter during the webinar, or comment on issues discussed in a forum afterwards.

The webinar will run for 90 minutes. The webinar will involve a panel of experts, who will be asked to talk for 5-10 minutes.

The webinar will be supported by a moderator of the panel, and a co-moderator (to summarise and discuss questions or contributions through tweets and chats received during the webinar). You will be able to express your experiences and challenges, related to this theme.

You will be encouraged to outline your context, the kind of activities in which you are involved, and the problems you face. The platform BBB or jit.si will be used for synchronous sessions during the webinar.

The event is free – there is no registration fee.

However, please note that due to likely high interest in this event, **online participation will be restricted to the first 100 registered participants**.

If you do not manage to register in the first 100, you will still have access to the recording, and will still be able to submit your comments and short contributions.

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Webinar Access

Webinar panellists

Andrew Fluck, University of Tasmania

Andrew Fluck is a past secretary of the Australian Council for Computers in Education (ACCE) and is now an associate professor of information technology education at the University of Tasmania. His numerous publications reflect his research interests in the transformational potential of computers in education. He was a co-author of the government report Making Better Connections and the book Seven steps to ICT integration. His funded research investigates the use of computers to teach integral calculus and quantum mechanics in primary schools and eExaminations, where students take their own computers into the exam hall. He is a member of Working Group 3.3 (research into educational applications of information technologies) for IFIP/UNESCO. Andrew is also an avid longbow archer and continental archery judge.

Gurumurthy Kasinathan, IT for Change, India

Gurumurthy Kasinathan is founder and director of IT for Change. He has 31 years of experience in the development and corporate sectors. Guru leads projects in the area of education, including in research, demonstration projects, systemic teacher

education reform and policy advocacy. His areas of expertise include ICT integration in school education, teacher education and pre-service teacher education. He also works in the areas of school leadership and free and open digital technologies. He was earlier with Azim Premji Foundation, where he was deputed to work in the 'Policy Planning Unit' in the Karnataka education department. He has been a visiting faculty at TISS Mumbai and Hyderabad for their 'Education Leadership and Management' and "ICT and Education" courses.

Gulgun Kayakutlu, Istanbul Technical University

Assoc. Prof. Dr. Gulgun Kayakutlu is currently teaching Operations Research and Intelligent Optimization courses in the Industrial Engineering Department of Istanbul Technical University. She was in the Management Committee of MIRIAD FW6 Project 2005-2008, on regional innovation. Before joining the University, she was the founder and General Manager of Sybase Turkey, where she managed several real-time transaction projects in the private sector and many B2B projects in the Government sector. She developed strong international team-work skills while working for the OECD and the International Energy Agency for over 7 years in Paris (1982-1990).Hence she works in the Energy field and wrote a book named "Intelligence in Energy" published by Elsevier. Kayakutlu has already supervised fourteen graduate thesis and published more than twenty research articles in SCI and SSCI reviews on Energy Optimization and Intelligence fields.

Anne Laurent, University of Montpellier

Anne Laurent is Full Professor at the LIRMM lab. As a member of the FADO Research group, she works on semantic web, data mining, gradual pattern mining, both for trends and exceptions detections and is particularly interested in the study of the use of fuzzy logic to provide more valuable results, while remaining scalable. Anne Laurent has been the head of the Computer Science Department at Polytech Montpellier Engineering School at the University of

Montpellier, which prepares a 5-year Masters in computer science and management. She is currently Vice-Présidente Déléguée à la science ouverte et aux données de la recherche at University of Montpellier.

Radhika Misquitta, Gateway School of Mumbai, India

Radhika is a founding member of The Gateway School of Mumbai (GSoM) and joined the team in 2011. She has completed a Doctorate (Ph.D.) in Special Education - Learning Disabilities from the University of Texas at Austin, USA, and a Master's (MA) in Special Education from SNDT Women's University, Mumbai, India. Prior to joining GSoM, she has worked in India and the USA as a Teacher Coach and Special Educator for over 9 years.

More information

Outcomes of Webinar 1

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The benefit for society is to build collaboratively and make visible a wide landscape of the consequences of this technological development across a wide variety of social environments. Such a landscape can then be used as a map for different actors to think about their policy, to strategically orient their practices or research perspectives, enabling those in specific contextual situations to:

- Gain new educational, societal,theoretical, and technical insights about BDA and ML
- Consider analytical methods and tools being developed through BDA and ML, and their applications in different educational curricula
- Reflect on basic indispensable scientific and statistical foundations of those methods and tools, e.g. concerning important understandings about statistics, probability, uncertainty, incomplete data from different sources, data cleaning, biases, algorithms, or neural networks
- Participate in the design of specific elements of the ZD through synchronous contributions during the webinar (chat, tweets), asynchronous follow-up discussion (forums), or short contributions to the ZD matrix

- Share insights into various practical contexts and examples of implementation in different countries
- Build up networks of researchers, practitioners, decision-makers to promote joint work on thematic projects
- Develop a (co-operative) publication for a follow-Up conference

What the webinar involves

Event organisers