

Data Science and Analytics Webinar Series 2021

From Research to Product: Empowering Business Intelligence with Computer Vision

 **26 Apr 2021** (Mon)
 **18:00 – 18:50** (HKT, UTC+08:00)
 **Online via Zoom**
(Link to be provided upon registration)



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Abstract

Since computer vision was founded in 1960s, researchers have been dreaming of teaching a machine to describe what it sees. Recent development of deep learning has significantly boosted computer vision research. It is said that now computer vision can empower a 5-year-old human visual system. In this talk, we will introduce recent advances in computer vision. Especially, we will show how computer vision research is transforming from visual perception to content creation. We will demonstrate how we can apply these innovative vision techniques to empower business intelligence in the real-world applications, especially in a wide variety of application scenarios of JD.COM's smart supply chain system.

About the speaker

Tao Mei is a Technical Vice President with JD.com and the Deputy Managing Director of JD AI Research, where he also serves as the Director of Computer Vision and Multimedia Lab. Prior to joining JD.com in 2018, he was a Senior Research Manager with Microsoft Research Asia. He has authored or co-authored over 200 publications (with 12 best paper awards) in journals and conferences. He holds over 50 US and international patents. He is or has been an Editorial Board Member of IEEE Trans. on Image Processing, IEEE Trans. on Circuits and Systems for Video Technology, IEEE Trans. on Multimedia, ACM Trans. on Multimedia, etc. Dr. Mei was elected as a Fellow of IEEE (2019), a Fellow of IAPR (2016), and a Distinguished Scientist of ACM (2016), for his contributions to large-scale multimedia analysis and applications. He received B.E. and Ph.D. degrees from the University of Science and Technology of China (USTC), Hefei, China, in 2001 and 2006, respectively. He is a Guest Professor of USTC, The Chinese University of Hong Kong (Shenzhen), and Yonsei University.



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