

Distinguished Seminar Series on Data Science & Artificial Intelligence

Social Recommendations— A Historical Perspective and Recent Advancements

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11:00 - 12:00 (HKT, UTC+8)

Online via Zoom

English

Please register at <https://polyu.hk/Ovqll>
or scan the QR code



All are welcome!

Abstract

With the exponential growth of information generated on the Internet, social recommendation has been a hot research topic in social computing after the popularization of social media as filtered suggestions (news, music, web pages, tags, etc.) are highly desirable to cope with the information explosion problem. In this keynote, I plan to take a walk down memory lane by presenting some of our seminal and pioneering work in social and location recommendation based on the matrix factorization framework. I will outline novel ways to use social ensemble, trust relations, tags, click-through rate, etc. to improve social and location recommender systems for a wide range of applications and services. I plan also to elucidate some recent works that suggest potential future directions in social recommendations.

About the Speaker

Prof. Irwin King is the Chair and Professor of Computer Science & Engineering at The Chinese University of Hong Kong. His research interests include machine learning, social computing, AI, data mining, and multimedia information processing. He is an IEEE Fellow and an ACM Distinguished Member. He is the recipient of numerous awards and recognitions, including Test of Time Awards, Best Paper Award, Global AI List, and Outstanding Achievement Award for his contributions to social computing with machine learning. He received his B.Sc. degree from California Institute of Technology (Caltech), Pasadena, and his M.Sc. and Ph.D. degree in Computer Science from the University of Southern California (USC), Los Angeles.