

Applied Mathematics in Industry Seminar

Math Modeling and Data Analysis in the Casino Gaming Industry

March 2nd, 2022

3:00 -- 4:00 pm

Zoom Meeting ID:

848 5998 4404

Passcode: AmiS0302

Dr. Hua Xu

Abstract: We will give an overview of the global casino gaming industry, the major manufactures, a brief history of the revolution of slot machines and dive deeper into how math is used in creating slot games as well as why math is critical for making highly successful games that change the industry. We also want to cover the digital social casino part of the gaming business and how we utilize data to make successful social casino apps.

Dr. Hua Xu received his Ph.D. in Mathematics from Georgia Tech. He is currently a Vice President of Game Design at Aristocrat, a global gaming content and technology company and mobile games publisher. Prior to joining the Aristocrat, Dr. Xu was a Head of Game Design at Gimmie Games, which is one of the world's foremost designers of slot machines. Besides the experience in gaming industry, he also owns extensive experience in higher education. Outside his work, Dr. Xu enjoys travel, card games, casual mobile games and spending time with his two kids.



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