Quantitative Research in JPMorgan

By
Dr. Xiaolan Zhang
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Date: 25 January, Monday
Time: 3.00 pm – 4.00 pm
Venue: LT28 (Basement 1, Near LKC-LT)
Host: Asst Prof Cheong Siew Ann

Abstract

JPMorgan is a very large global financial institution and has a top ranking in the world. The Quantitative Research at JPMorgan has an unparalleled reputation for excellence in financial derivatives world and is at the forefront of innovation and control for products and risk management. The talk will give an introduction to JPMorgan and its Quantitative Research and then walk through a few examples of real life QR work including derivative pricing, algorithmic trading, counterparty risk management, high performance computing. It will explain all areas of quant work from asset classes to corporate level risk assessment and control. Model and product development will be a key part of QR jobs and the skills required will be explained. While mathematics and computing skills are basic pre-requisite for a quant the talk will also highlight the importance of communication and teamwork. The ability to apply models to real world problems is a key measure of quant strength. The talk will discuss how science/engineering postgraduates can transform him/herself to be a great quant at JPMorgan.

Biography

Dr. Zhang Xiaolan is Managing Director, Head of Quantitative Research Beijing Center at JPMorgan. She has been working with JPMorgan Quantitative Research team since 2004, spending the past 3 years to lead the build-out of QR Beijing Center from the ground up and completed it within 18 month. She was the head of Equity Derivatives Quantitative Research team for North America before she moved back to Beijing in May 2011. Prior to JPMorgan, she also spent years with Moody’s Investor Service, New York, focused on Structure Finance and Société General, Paris, supporting Equity Derivatives business. Mrs Zhang received her Ph.D degree in Mathematical Finance from École National Des Ponts et Chaussées in Paris and her D.E.A from École Polytechnique, Paris. She is a Chartered Financial Analyst (CFA)

Register here to attend the talk and find out more on how you can be part of this team in JPMorgan.