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# Information Systems for Global Financial Markets: Emerging Developments and Effects

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# Information Systems for Global Financial Markets

**Emerging Developments and Effects** 



Alexander Y. Yap

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## Alexander Y. Yap (Elon University, USA)

Financial markets around the world can affect each other in a matter of seconds as financial information systems are programmed to buy or sell stocks and financial derivatives automatically when activated by sudden changes in global market trends and conditions.

Information Systems for Global Financial Markets: Emerging Developments and Effects offers focused research on the systems and technologies that provide intelligence and expertise to traders and investors and facilitate the agile ordering processes, networking, and regulation of global financial electronic markets. How these systems work to manipulate, move, and provide intelligence to the stock market is still a mystery to many students, and it is the intent of this book to provide real-world cases and examples that can unveil these systems to business students interested in financial trading, the dynamics of financial electronic markets, and the tactical technologies that facilitate the trading process and trading decisions.

### **Topics Covered:**

- Decision Support for Financial Trading Systems
- Electronic Communication Networks (ECNs)
- Electronic Trading Systems and SEC Rules and Regulations
- Emerging Technologies for Financial Trading Systems
- Intelligent Charting Systems
- Knowledge Management for Finance and Investments
- Mobile and Ubiquitous Financial Trading Systems
- Online Brokerage Trading Systems
- Supercomputers for Flash Trading
- Technology as an Enabler of Financial Market Integration

**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Alexander Y. Yap is an Associate Professor of Information Systems at Elon University, North Carolina. He holds a Ph.D. degree in Information Systems from Copenhagen Business School (Denmark), an MBA in International Management from Exeter University (UK), and a Masters in Development Economics from Williams College (USA). He won the prestigious ICIS Best Paper Award' in Helsinki, Finland. His research papers have been published in the *Journal of Global Information Management, the Journal of E-Commerce Research, Journal of Electronic Markets, and the Journal of Enterprise Information Systems*, among others. He has also published in prestigious IS conferences, which include the ICIS, ECIS, and ACM.



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