The core potential of the blockchain depends on the characteristics of the distributed database and how it can help to improve transparency, safety and efficiency. What's more, from theory to practice, a series of specific real-world scenarios will be explored to cover a wide range of markets and industries, such as leisure and tourism, energy, real estate and finance industry. In that way, it can clarify the characteristics of blockchains that can solve existing business problems to the largest extent and quantify how it changes the industry.
We will analyze what new or old profit pools that the blockchain can create or destroy. It is worth noting that in these applications, the blockchain does not aim to remove intermediate traders. In some cases, the blockchain will disrupt existing markets and participants, while others are expected to reduce costs by reducing labor-intensive processes and eliminating duplication of effort. In addition, it can create new markets by tapping previously undeveloped resources. With a completely new database technology that can be used by multiple organizations, blockchain can lay a solid foundation for solutions or seize the opportunities that the existing system fails to implement.

区块链的核心潜力在于分布式数据库的特性及其如何助益透明、安全和效率。从理论到实践，探索一系列特定的真实世界的应用场景，涵盖各类市场和产业，包括休旅业、能源、房地产和金融，阐明区块链的特性最适应现有的哪些商业问题，并量化其如何改变产业现状。

我们会分析区块链可以创造哪些新的利润池，或是破坏哪些旧的利润池。值得注意的是，在这些应用中，区块链不仅仅在于去中间商化。某些情况下，区块链会对现有市场和参与者造成破坏作用，而其他情况下，它有望能通过减少劳动密集型流程、消除重复劳动而减少成本。某些情况下，它可以触及之前未开发的资源供应而创造新的市场。相同的思路是，赋能一个本质上全新的、可以被多个组织采用的数据库技术，区块链可以构筑解决问题基础、或是能抓住那些现有体系无力实现的机会。

ABOUT THE SPEAKER

Dr. Henry Cao
Professor of Finance and Chair of Finance Department
Dr. Huining (Henry) Cao is a Professor of Finance, Chair of the Finance Department and the Academic Director of the Finance MBA at CKGSB. He earned a PhD in Finance in 1995 from UCLA and a PhD in Pathology in 1991 from Yale University.

Before joining CKGSB, he taught at UC Berkeley, UCSD, Ohio State University, Carnegie Mellon and UNC Chapel Hill.


CAO Huining

教授简介:
曹辉宁教授现为长江商学院金融学教授，金融MBA学术主任

主要研究领域
主要集中在投资组合管理、期权定价、资产定价、市场微观结构、国际财务等。

学术成就
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PROFILE CONTACT
