

香港樹仁大學與大灣區教育融合發展智庫

合辦論壇

構建高效益商貿新秩序 – 香港的破局

地點：香港樹仁大學演講廳 RLG208

日期與時間：2025 年 11 月 3 日(星期一) 4:30pm-6:30pm

程序：

開幕儀式：(15 分鐘)

第一部分：學術新領域

「灣區教育智庫」全球傑出學人講座

楊榮基教授(樹仁大學及聖彼得堡大學)主講

成功合資聯營：博弈論新解決方案

英語為主，輔以中文 (45 分鐘)

第二部分：香港發展新思維

專家研討會：創新求變的轉型與超級增值人的角色

專家嘉賓

陳錦云先生：大灣區教育融合發展智庫主席 (研討會主席)

文雅靖博士：國家高端智庫 – 中國(深圳)綜合開發研究院港澳及區域發展研究所副所長

鄺志良教授：香港都會大學副校長

李仕權博士：香港管理專業協會高級顧問及前總裁

李嘉熙博士：華南農業大學經管學院

普通話與廣東話 (40 分鐘)

Q&A: (20 分鐘)

Hong Kong Shue Yan University and The Greater Bay Education Integrative Development
Think-Tank

Forum

Building an Efficient Trade Order – A Breakthrough for Hong Kong

Venue: Lecture Hall RLG208, Hong Kong Shue Yan University

Date and Time: 3rd November 2025 at 4:30pm – 6:30pm

Program:

Opening Ceremony (15 minutes)

Part I: Greater Bay Area Education Think-Tank Distinguished Lecture

Speaker: Professor David Yeung (Shue Yan University and St Petersburg University)

Successful Joint Ventures – A Novel Cooperative Game-theoretic Solution

(Language: English supplemented by Chinese, 45 minutes)

Part II: Expert Dialogue: New Perspectives for Development

Innovation-driven Transformation and The Role of Super Value-added Agents

Expert Guests

Mr. Ronald Chan: Chairman of The Greater Bay Education Integrative Development Think-Tank

Dr. Wen Yajing: Deputy Director of the Institute of Hong Kong, Macao and Regional Development of
China (Shenzhen) Comprehensive Development Research Institute, National High-end Think Tank

Professor Charles Kwong: Vice President of Hong Kong Metropolitan University

Dr. Victor Lee: Senior Advisor and former CEO of Hong Kong Management Association

Dr. Li Jiaxi: College of Economics and Management, South China Agricultural University

(Language: Putonghua and Cantonese, 40 minutes)

Q & A (20 minutes)

灣區教育智庫 傑出學人講座

成功合資營運－合作博弈論新方案

概要

在過去三十年間，全球化和合資企業（JVs）推動世界經濟發展，實現了前所未有的快速成長。JV 在發達和發展中經濟體中都極為普遍，而其範圍包括私營與私營、政府與私營以及政府與政府的跨國合資營運。根據北京 Daxue Consulting 的資料，中國在 2022 年共有 124,600 家中外合資企業。然而，合資企業一直以來均面臨著嚴峻的挑戰：包括合作的可持續性、利益的分配、和原定協議能否長期一致性。這些未解決的挑戰導致了嚴重的後果，例如私營企業之間的干擾性終止、政府與私營企業之間的法律糾紛，以及毫無進展的政府與政府之間的合作。本講座為合資企業營運開發了一個斬新的合作博弈解決方案，該方案的特點包括（i）符合個人和整體理性，（ii）反映合資夥伴貢獻的公平收益分享，以及（iii）在合資期限內的所有階段都保持商定協議的一致性。近期全球貿易和關稅衝突迫使許多國家建立新的貿易聯繫，而合資企業將在塑造未來全球商業結構發揮關鍵作用。有效處理合資企業所面臨挑戰的解決方案，可以大幅提升商貿的得益，並構建高效益的國際商業秩序。

講者

楊榮基教授是樹仁大學 SRS 動態合作博弈高研平台的總監和聖彼得堡國立大學博弈論中心聯席總監。楊教授於香港大學取得學士學位，並於約克大學取得博士學位。他在聖彼得堡國立大學攻讀應用數學高等博士（Doktor Nauk—歐洲高等博士學位）課程，並被授予該大學最高學位 Dr.h.c.以表彰他在微分博弈方面的傑出貢獻。他曾在加拿大皇后大學、香港大學和新加坡國立大學任教。他是 ScholarGPS 的全球(博弈論)學者排名的前 0.5%。楊教授是世界著名的動態合作博弈論理論家，他的開創性的學術貢獻包括合作子博弈一致性、動態納許談判、不確定期限的隨機動態博弈、動態公平貢獻分配合作方案，以及新的博弈領域——持久策略動態博弈。他也擔任《國際博弈論評論》的編輯、《運籌學年鑑》的客座編輯、《國際動態博弈學會年鑑》的客座編輯、《動態博弈與應用》的副主編和《運籌學通訊》的副主編。他合著了全球首本《合作隨機微分博弈（Springer）》、《子博弈一致經濟優化（Birkhauser）》、《子博弈一致合作（Springer）》和《持久策略動態博弈（Springer）》的先驅典籍。

Greater Bay Area Education Think-Tank Distinguished Lecture

Successful Joint Ventures --

A Novel Cooperative Game-theoretic Solution

Abstract. Joint ventures (JVs) have led to unprecedentedly rapid growth in the world economy through globalization in the past three decades. The scope of JVs encompasses private-private, government-private, public-public, and cross-national joint ventures. According to Daxue Consulting, there were 124,600 Sino-foreign joint ventures in China in 2022. However, JVs are facing critical challenges, namely, the sustainability of the collaboration, acceptable gain-sharing schemes, and the consistency of the original agreement over time. These unresolved challenges have led to serious consequences, like disruptive terminations of private-private ventures, international legal disputes of government-private ventures, and uneventful government-government ventures. This lecture develops a novel cooperative game solution for JV operations, which entails (i) individual and group rationalities, (ii) a fair gain-sharing scheme that reflects the contributions of venture partners, and (iii) the consistency of the agreement in all stages of the venture duration. The recent global trade and tariff conflicts have compelled many nations to establish new trade connections, and JVs would play a crucial role in shaping the future global business landscape. An effective solution resolving the challenges facing JVs can greatly increase the gains from trade and build an efficient international business order.

The speaker. Prof. Dr. Dr.h.c. David W. K. Yeung is Director of SRS Consortium for Advanced Study in Dynamic Cooperative Games at Shue Yan University and Co-director of the Center of Game Theory at St Petersburg State University. Yeung obtained his Bachelor degree from the University of Hong Kong and his PhD from York University. He studied in the Doctor of Sciences (Doktor Nauk – European higher doctorate above PhD) program in applied mathematics at Saint Petersburg State University and was awarded the University's highest degree of Dr.h.c. for his outstanding contributions in differential games. He has held Faculty positions at Queen's University, the University of Hong Kong and the National University of Singapore. He is ranked top 0.5% of all (Game Theory) Scholars World-wide by ScholarGPS. Yeung is a world-leading game theorist with pioneering contributions include cooperative subgame consistency, dynamic Nash bargaining, dynamic fair gain-sharing cooperation solution, random-horizon stochastic dynamic games and a new game paradigm – Durable-strategies Dynamic Games. He also serves as Editor of International Game Theory Review, Guest Editor of Annals of Operations Research, Guest Editor of the Annals of the International Society of Dynamic Games, Associate Editor of Dynamic Games & Applications, and Associate Editor of Operations Research Letters. He has co-authored the world's first definitive books on *Cooperative Stochastic Differential Games* (Springer), *Subgame Consistent Economic Optimization* (Birkhauser), *Subgame Consistent Cooperation* (Springer), and *Durable-strategies Dynamic Games* (Springer).