

# Management Research Method Workshop at School of Management, Lanzhou University

Lanzhou, Gansu, China June 22 to 23, 2018

Registration Deadline: June 1, 2018
Intended participants please send email to: <u>lilf2017@lzu.edu.cn</u> (Lifei Li)







Organizer: School of Management, Lanzhou University

**Co-organizers**: Department of Management, The Chinese University of Hong Kong Asia Academy of Management

The organizers do not charge any registration fees. Board and lodging should be paid by the participants themselves. If you have any further questions, please feel free to send email to <a href="mailto:lilf2017@lzu.edu.cn">lilf2017@lzu.edu.cn</a> (Lifei Li).



## **Overview of the Workshop**

From time to time, advancement in data collection and analytical methods allows management researchers to obtain and analyse their data, and test their research questions with more appropriate methods. In this workshop, we invite researchers to introduce several data collection and analytical methods that have been developed for some specific research questions. These analytical methods include polynomial regression, latent profile analysis, obtaining data from board of directors, and handling endogeneity problem by instrumental variables.

#### **Special Features of the Workshop:**

The main focus of this workshop is to help participants to be able to actually apply the specific analytical methods when they encounter relevant research questions. Thus, for each topic, the speaker will introduce: (1) the kind of research questions that need the specific analytical method; (2) nature and format of data that are suitable for the specific analytical method; (3) software that is needed; (4) demonstration of how to analyse a real-life dataset; (5) how to draw conclusions (i.e., answers to the research questions) from the results of the analyses; and (6) the classic references for the specific analytical method. Participants can get the real-life dataset and the programs of the relevant software so that they can conduct their own hand-on practice after the workshop.

#### **Speakers:**

Professor Chi-Sum Wong, Asia Academy of Management and The Chinese University of Hong Kong Professor Kelly Z. Peng, Department of Business Administration, Hong Kong Shue Yan University Professor Daphne Wing-yee Yiu, Department of Management, The Chinese University of Hong Kong Professor Weiwen Li, Department of Business Administration, Sun Yat-sen University Professor Wendong Li, Department of Management, The Chinese University of Hong Kong Professor Yan Leanna Liu, Economics and Management School, Wuhan University Dr. Junbang Lan, Department of Management, The Chinese University of Hong Kong Ms. Hong Zhang, Department of Management, The Chinese University of Hong Kong

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#### **Assistant:**

Ms. Iris Dan Zhang, Department of Management, University of Macau Ms. Lifei Li, School of Management, Lanzhou University



# **Contents of the Workshop**

#### (1) Polynomial Regression (Junbang Lan and Chi-Sum Wong)

Polynomial regression originates from the analysis of difference score between two variables. Its recent application is to examine the effect of congruence between two independent variables on the dependent variables. Thus, if we have research questions concerning the possible effect of congruence between two variables (e.g., relationship with supervisor and relationship with co-worker) on the dependent variable (e.g., employee proactive behavior), polynomial regression is more appropriate than ordinary interaction regression. Differences between traditional interactions and congruence effect will be explained to point out when polynomial regression should be used.

#### (2) Latent Profile Analysis (Kelly Z. Peng, Chi-Sum Wong and Yan Leanna Liu)

The purpose of latent profile analysis is to identify possible profiles of respondents based on two or more variables. It differs from traditional cluster analysis that there is no need to divide and classify respondents into the specific profile. Thus, if we have research questions concerning identification possible profiles based on relevant variables (e.g., personality or culture), and test the conceptual antecedents and consequences of the profiles, this analytical method will be appropriate.

#### (3) Theory and Method to Study Change (Wendong Li, Hong Zhang and Xin Zhang)

Issues related to time and change have been looming large in current organizational research on such topics as performance, well-being, justice, and leadership. This part of the workshop will cover theoretical and methodological issues related to examining change. Theoretical issues may include how such an approach will make theoretical contributions above and beyond many current practices. Methods that can be adopted to examine change will also be discussed, including latent growth modelling and latent change score analyses.

## (4) Data from Board of Directors (Weiwen Li)

Chinese scholars have very close relationships with corporate executives and directors. This provides us an opportunity to collect survey or experiment data from these corporate elites. This part of the workshop will discuss: (a) how to design a study involving data on corporate elites, (b) how to collect data from corporate elites in China, and (c) analyses of the data collected.

## (5) Endogeneity Issues in Strategic Management Research (Daphne Wing-yee Yiu)

"The field of strategic management is fundamentally predicated on the idea that management's decisions are endogenous to their expected performance outcomes – if not, managerial decision-making is not strategic; it is superfluous." (Hamilton & Nickerson, 2003: 51). In recent years, endogeneity is a key empirical concern pertinent to strategic management research. In this talk, Professor Yiu will provide an overview of the sources of endogeneity in panel data analysis, namely, omitted variables, sample selection, and simultaneity. She will also summarize the major approaches for addressing endogeneity concerns: Heckman's two-step model, instrumental regression, and generalized method of moments (GMM).



### **Presenters**



YIU, Daphne Wing-yee

姚咏仪

Department of Management

The Chinese University of Hong Kong

Dr. Daphne Yiu is the Chairperson and Professor in the Department of Management at the Chinese University of Hong Kong. She received her Ph.D. in Management from the Michael F. Price College of Business, University of Oklahoma. Her research interests lie in corporate and international strategy, strategies in emerging markets and Asia, business groups, corporate governance, and international entrepreneurship. Professor Yiu has published in leading management journals including Journal of Studies, Journal International Business of Management, Journal of Studies, Organizational Science, and Strategic Management Journal, among others. She was elected as the President of Asia Academy of Management and Representatives-at-Large at the Global Strategy Interest Group of the Strategic Management Society. She is currently serving as a Senior Editor at Asia Pacific Journal of Management and Journal of World Business, co-editor of special issue at Long Range Planning, and an editorial board member of Academy of Management Journal, Academy of Management Review, Journal of Cross-Cultural and Strategic Management, Journal of Management Studies, and Organization Science. She received the CUHK Young Researcher Award, publications with top downloads, and best conference paper awards.



WONG, Chi-sum 黄炽森

Asia Academy of Management, and

The Chinese University of Hong Kong

Dr. Chi-Sum WONG is professor of Management at the Department of Management of the Chinese University of Hong Kong. He received his Ph.D. from the Department of Organizational Behavior and Human Resources Management of Purdue University in the USA. Dr. Wong has published and presented about two hundred articles in academic journals and international conferences. His co-authored article concerning employee trust in Chinese joint ventures published in 2002 was selected by Emerald Management Review as one of the best 50 management articles among the 20,000 articles published in the same year around the world, and another article on localization of human resources in mainland China was selected as one of the five best papers in the international human resource management area in 2009 by the Academy of Management. He has served on the editorial board of various journals such as the Academy of Management Journal, International Journal of Business Studies, Journal of Occupational and Organizational Psychology, Journal of World Business, Asia Pacific Journal of Management, and others.





Wen-Dong LI 李文东 Department of Management The Chinese University of Hong Kong

Wen-Dong Li is currently an assistant professor at the Department of Management, the Chinese University of Hong Kong. Prior to joining CUHK, he worked as an assistant professor at Kansas State University. He received his Ph.D. from National University of Singapore in Organizational Behavior. His research interests focus on the antecedents and consequences of proactivity in three areas: leadership, work design, and career success. He adopts approaches of behavioral genetics and longitudinal designs in his research. His research has won several awards including the Hogan Award for Personality and Work Performance from the Society for Industrial and Organizational Psychology, and International HRM Scholarly Achievement Award and Best Student Convention Paper Award from the Human Resources Division, Academy of Management. His work has been published in the *Journal of Applied Psychology*, the *Personnel Psychology*, and the *Leadership Quarterly*, and has also been covered in media outlets such as the *Economist*, *USA Today*, the *Telegraph*, and the *Washington Post*. He is currently working on projects looking into the role time, change, and temporal issues in OB.



Kelly Z. PENG 彭正敏 Department of Business Administration Hong Kong Shue Yan University

**Kelly Z. PENG** (PhD, The Chinese University of Hong Kong) is an associate professor and research fellow at the Department of Business Administration, Hong Kong Shue Yan University. She has published in management, psychology, and education journals such as the *Journal of Management*, *Human Resources Management, Journal of World Business, Intelligence, Asia Pacific Journal of Management, Journal of Managerial Psychology, and Journal of Career Development*. Her research interests include emotions (emotional intelligence) in management, motivation in organization, employment relationship, and indigenous research in China, stress & burnout, and Career Development. She also serves in the editorial review broad of Asia Pacific Journal of Management, and awarded as Best Reviewer in 2017. She also have served various journals and academic associations as ad-hoc reviewer.





Weiwen LI 李炜文 Business School Sun Yat-sen University

Weiwen Li is an associate professor at Sun Yat-sen Business School, Sun Yat-sen University. His research interests include strategic leadership, family business, and corporate governance. He has published papers in journals including Strategic Management Journal, Journal of International Business Studies, and Journal of World Business. He has served on the editorial board of Asia Pacific Journal of Management, and Management and Organization Review.