YING LUN CHEUNG

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EDUCATION

Goethe University Frankfurt, Germany October 2013 - Present
Ph.D., Finance

· Supervisors: *Prof. Michael Binder*, *Prof. Dr. Uwe Hassler*

Massachusetts Institute of Technology, USA September 2018 - January 2019
Visiting student

· Supervisor: *Prof. Andrew W. Lo*

Hong Kong University of Science and Technology, Hong Kong September 2010 - June 2013
BSc, Quantitative Finance

WHU Otto Beisheim School of Management, Germany January 2012 - June 2012
International Exchange Program

RESEARCH INTERESTS

Big Data Econometrics, High-dimensional Factor Model, Empirical Asset Pricing

JOB MARKET PAPER

Sieve Estimation of Time-varying Factor Models: The Conditional CAPM Revisited
(*Job market paper*)

This paper introduces a high-dimensional factor model with time-varying factor loadings. We develop (1) a consistent estimator of the factors and the time-varying loadings, (2) a model-selection approach to determine the number of common factors, and (3) a decision rule to identify whether each loading is time-varying or constant. Theoretical results are supported by a simulation study. Finally, we apply the proposed methodology to a large set of portfolio returns and find evidence support the conditional CAPM.

Presented at: 28th (EC)^2 Conference, 14th SETA Conference, 2018 China Meeting of the ES, 24th International Panel Data Conference, 2018 North American Meeting of the ES, 2018 IAAE Annual Conference, Midwest Econometrics Group Meeting 2018, ES European Winter Meeting 2018 (scheduled)

WORKING PAPERS

Long Memory Factor Model: A Semi-parametric Approach
(*under review*)

Presented at: 6th RMSE Meeting, 3rd Vienna Time Series Workshop

Discontinuity of Fully Extended (Local) Whittle Estimation
(with Uwe Hassler)

Presented at: ITISE 2018 (by co-author)

International Financial Integration and Output Growth
(with Michael Binder, Georgios Georgiadis and Sunil Sharma)

WORKS IN PROGRESS

Long-Run Risks Models with Long Memory
(*with Yangming BAO*)

Estimation and Identification of Matrix-Valued Factor Models: A 2DPCA Approach

Forecasting Vast Realized Covariance Matrices

TEACHING EXPERIENCE

Goethe University Frankfurt 2016 - Present
Teaching Assistant

- Advanced Econometrics 2, Ph.D. level
- Cross-Country Studies, Ph.D. level

Vietnamese-German University 2016
Teaching Assistant

- Empirical Methods in Finance and Macroeconomics, Bachelor level
- Macroeconomics, Bachelor level

RESEARCH EXPERIENCE

Goethe University Frankfurt October 2016 - Present
Research Assistant

- Chair for International Macroeconomics and Macroeconometrics
- Supervisor: *Prof. Michael Binder*

Goethe University Frankfurt October 2014 - September 2015
Student Assistant

- Chair for Statistics and Econometric Methods
- Supervisor: *Prof. Dr. Uwe Hassler*

Tung Wah Group of Hospitals Community College, CUHK August 2013
Temporary Research Assistant

- School of Business & Management
- Supervisor: *Prof. Jerome Yen*

Hong Kong University of Science and Technology February 2013 - May 2013
Undergraduate Research Opportunity Program

- Department of Economics
- Supervisor: *Prof. Yong Wang*

Massachusetts Institute of Technology June 2012 - August 2012
International Research Opportunity Program

- Sloan School of Management
- Supervisor: *Prof. Andrew W. Lo*

SCHOLARSHIPS AND AWARDS

Scholarship	BOC Charitable Foundation - HKUST Scholarship, HKSUT	May 2012
	Li & Fung Scholarship, Victor and William Fund Foundation	June 2011
	C. H. Chan Scholarship	January 2011
	JUPAS Scholarship, HKUST	November 2010
Sponsorship	Forschungstopf travel grant	2017-2018
	Trvel Sponsorship - IROP, HKUST	June 2012
Student award	Best First Year Ph.D. Students (Shared Prize)	December 2014
	Academic Achievement Medal	August 2013

OTHER SKILLS

Languages Cantonese (Native), Mandarin Chinese (Fluent), English (Fluent)
Software LaTeX, Matlab, R, Stata, VBA

ACADEMIC REFERENCES

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Prof. Dr. Uwe Hassler
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Prof. Andrew W. Lo
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