

QING WANG

Ca' Foscari University, Venezia

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SUMMARY

Qing Wang is a PhD student in Economics at Ca' Foscari University under the supervision of Prof. Roberto Casarin and Prof. Radu Craiu from University of Toronto with a research interest in Bayesian Inference for high-dimensional models and latent variable models.

Before starting the PhD, he had six years of working experiences in the oil and gas and maritime industries where he started his career as a global technical trainee in DNV China from 2011, then as an approval engineer and surveyor.

Qing Wang has a mixing background of Engineering, Economics and Statistics, he holds master's degrees in System and Control Engineering and Quantitative Economics.

EDUCATION

Phd in Economics , Ca' Foscari University	Expected 2026
Supervisors: Prof. Roberto Casarin, Prof. Radu Craiu	

Visiting PhD Student , University of Toronto	09.2023 - 06.2024
Department of Statistical Science	

Master of Quantitative Economics (QEM) , European Joint Master Degree ¹	2019 - 2021
Graduated with grand distinction	

Master of System and Control Engineering , Telemark University College	2008 - 2010
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Bachelor of Chemical Engineering , Hubei University	2004 - 2008
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RESEARCH INTERESTS

Tensor Regression, Bayesian Inference, High-dimensional Data Analysis

PUBLICATIONS

Publications

1. Casarin, R., Craiu, R.V. and Wang, Q., 2025. Markov switching multiple-equation tensor regressions. *Journal of Multivariate Analysis*, p.105427.
2. Casarin, R., Craiu, R., Wang, Q. (2025). Markov Switching Tensor Regressions. In: Aneiros, G., Bongiorno, E.G., Goia, A., Hušková, M. (eds) *New Trends in Functional Statistics and Related Fields*. IWFOs 2025. Contributions to Statistics. Springer, Cham.

Working Papers

1. Compressed Bayesian tensor regression (jointly with Casarin, R. and Craiu, R.V.).
2. Bayesian tensor regression with stochastic volatility.
3. Connectedness of the international bond markets (jointly with Billio, M., Berardi, A. and Casarin, R.).

Thesis & research project

1. Three Essays on Bayesian Tensor Regression Models (PhD thesis, 2025).
2. Reallocation of Labor Under Environmental Regulations and Imperfect Labor Market (QEM, 2021).
3. The Macroeconomic Effects of Unconventional Monetary Policies in the Euro Area under a SVAR Framework (research project, 2020).

¹with Mobility track: Ca' Foscari University, Université Paris 1 and Université catholique de Louvain

CONFERENCES & WORKSHOPS

Talks

Internal Seminar of Department of Economics, Ca' Foscari University, Venice	July 2025
International Workshop on Functional and Operatorial Statistics, Novara	June 2025
International conference on statistics and data science, Nice	Dec. 2024
Advances in High/Infinite Dimension Inference, Verona	Nov. 2024
Econometrics and Statistics Conference, Beijing	July 2024
Annual Meeting Statistical Society of Canada, St. John's	June 2024
16th CMStatistics, Berlin	Dec. 2023
Bayesian Young Statistician Meeting: Online	Nov. 2023
Workshop: Advances in Big-Data Modelling	March 2023

Posters

Bayesian Inference in Stochastic Process, Milan	May 2025
Analysis and Probability in infinite dimensions, Bad Herrenalb	April 2025
ISBA World Meeting, Venice	July 2024
j-ISBA World Meeting, Venice	June 2024

SUMMER SCHOOLS

<i>Network Econometrics</i> , Italian Econometric Association	June 2022
<i>Bayesian Multivariate Models and Forecasting in Economics and Finance</i> , SiDE	Aug. 2022
<i>Bayesian Methods in Economics and Finance</i> , Italian Econometric Association	Aug. 2023

SERVICES

- Referee for: Journal of Computational and Graphical Statistics, Research in Economics
- Scientific committee for: SASCA 2023, 2024

TEACHING

Teaching Assistance

- Mathematics (Bachelor course) 2024
- Microeconomics (Bachelor course) 2022, 2023
- Probability Theory (Master course) 2022

AWARDS

- Erasmus+ Grant (QEM) Jan 2020
- PhD Scholarship, Italian Ministry of University and Research (MUR) Sept 2021
- Best poster award ISBA World Meeting 2024 July 2024

WORKING EXPERIENCES

DNV China	2011 - 2017
Approval Engineer / Surveyor	
Yichang Marine Diesel Engine Co., Ltd	2017 - 2018
Quality Engineer	
Hubei Xingfa Chemicals Group Co., Ltd	2018 - 2019
Project Engineer	

LANGUAGE & SKILLS

Programming Language: Python, Matlab, R.

Language: Chinese (mother tongue), English (fluent), Italian (A1).

REFereeE

Roberto Casarin

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Pietro Dindo

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