QING WANG

Ca' Foscari University, Venezia

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EDUCATION

Phd in Economics, Ca' Foscari University — 09.2021 - 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

Bachelor of Chemical Engineering, Hubei University — 2004 - 2008

RESEARCH EXPERIENCE

Research Fellow, Ca' Foscari University — 09.2025 - present
PNRR Project "Growing Resilient, Inclusive, and Sustainable (GRINS)"

RESEARCH INTERESTS

Tensor Regression, Bayesian Inference, High-dimensional Data Analysis

PUBLICATIONS & WORKING PAPERS

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).

[1] with 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

TEACHING

Teaching Assistance

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

SUMMER SCHOOLS

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

SERVICES

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

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).

REFEREE

Roberto Casarin
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