

# Sonia Petrone

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FULL PROFESSOR

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## Biography

Sonia Petrone is Professor at Università Bocconi in Statistics since 2014, where she played an active role in the development of the PhD in Statistics, as Vice-Director and Curricula Responsible (2004–2011) and Director (2011–2018). She is the Director of the Bocconi Summer School in Advanced Statistics and Probability since 2017. She held positions at the University of Pavia (1991–1998) and University of Insubria (1998–2001), before joining Bocconi in 2001. Throughout her career, she conducted extensive research visits in various universities across the USA, Latin America, Europe, India, and Russia. She was President of the International Society for Bayesian Analysis (ISBA) in 2014.

Her research interests focus on statistical learning and prediction, Bayesian theory and methods, Bayesian non-parametrics and statistical machine learning, methods for complex dependence structures and latent variable models, dynamic and evolutionary systems, random graphs. She is the author of numerous books and articles on her topics of interest. Her works have been published in the Journal of the Royal Statistical Society, Journal of Statistical Software and Statistics and Computing, among others. She was the Editor of Statistical Science (2020–2022), and a co-Editor of Bayesian Analysis (2010–2014). She was awarded an IMS Medallion Lecture in 2018 and an ISBA Foundational Lecture in 2016.

She graduated in Discipline Economiche e Sociali at Università Bocconi and got a PhD in Statistics from Università degli Studi di Trento.

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## ARTICLES IN SCHOLARLY JOURNALS

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**Dynamic Linear Models with R**

Springer, , 2009

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## EDITED BOOKS

GRIGOLETTO M., LISI F., PETRONE S. (EDS.)

**Complex Models and Computational Methods in Statistics**

Springer, , 2013

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## CONTRIBUTION TO CHAPTERS, BOOKS OR RESEARCH MONOGRAPHS

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*XLII Riunione Scientifica della Società Italiana di Statistica - 9-11 June 2004, Bari, Italy*

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