



International Workshop

SKEW 2026

A class of distributions which includes the normal one: foundational contributions and recent advancements on skewed distributions

Padua, January, 7-9 2026

Wednesday 7th January 2026

Morning session - Department of Statistical Sciences at Santa Caterina (Room SC 140)

9:00 am – 10:30 am **Tutorial**

Adelchi Azzalini, Department of Statistical Sciences at University of Padova

10:30 am – 11:00 am Coffee break

11:00 am – 1:00 pm **Tutorial**

Adelchi Azzalini, Department of Statistical Sciences at University of Padova

1:00 pm – 2:30 pm Lunch

Afternoon session - Department of Statistical Sciences at Santa Caterina (Room SC 140)

2:30 pm – 4:00 pm **Tutorial**

Adelchi Azzalini, Department of Statistical Sciences at University of Padova

4:00 pm – 4:30 pm Coffee break

4:30 pm - 4:45 pm **Conference Opening**

Chair: **Reinaldo Arellano-Valle**, Pontificia Universidad Católica (Chile)

4:45 pm – 6:15 pm

Multivariate SUN, SUNNY, and SUNSET distributions: properties and applications

Marc Genton, KAUST (Saudi Arabia)

An overview of SAS distributions and their properties

Arthur Richard Pewsey, Universidad de Extremadura (Spain)

6:15 pm - 8:30 pm **Poster session and welcome aperitif**

Thursday, 8th January 2026

Morning session - Department of Statistical Sciences at Santa Caterina (Room SC 140)

9:00 am – 10:30 am

Chair: **Omiros Papaspiliopoulos**, Department of Decision Sciences at Bocconi University

Skew-symmetric numerical schemes for stochastic differential equations

Samuel Livingstone, University College London (UK)

Variational inference based on a subclass of closed skew normals

Linda Tan Siew Li, National University of Singapore (Singapore)

10:30 am - 11:00 am Coffee break

11:00 am - 12:30 pm

Chair: **Nicola Sartori**, Department of Statistical Sciences at University of Padova

Advances in clustering of incomplete multivariate data with skewed and heavy-tailed clusters

Andriette Bekker, University of Pretoria (South Africa)

A quasi-SUN process for nonparametric binary regression

Brunero Liseo, Università la Sapienza, Italy

12:30 am - 2:30 pm Lunch

Afternoon session - Department of Statistical Sciences at Santa Caterina (Room SC 140)

2:30 pm - 4:00 pm

Chair: **Antonio Canale**, Department of Statistical Sciences at University of Padova

Bayesian repulsive mixture model for functional data: contaminating the normal distribution to repel similarly shaped curves

Rosangela Helena Loschi, Universidade Federal de Minas Gerais, Brazil

Harnessing demographic skewness: insights and applications

Stefano Mazzuco, Department of Statistical Sciences at University of Padova

4:00 pm - 4:30 pm Coffee break

4:30 pm - 5:30 pm

Chair: **Adelchi Azzalini**, Department of Statistical Sciences at University of Padova

Skewed Bernstein-von Mises theorem and online skew-modal approximations

Francesco Pozza, Bocconi University

6:00 pm - 7:30 pm Research Networking and visit to the Bo Palace

7:30 pm - 11:00 pm Conference dinner at Caffè Pedrocchi (Via VIII Febbraio 15, Padua)

Friday, 9th January 2026

Morning session - Department of Statistical Sciences at Santa Caterina (Room SC 140)

9:00 am – 10:30 am

Chair: **Alessandra Rosalba Brazzale**, Department of Statistical Sciences at University of Padova

An EM algorithm for fitting matrix variate skew-normal distributions

Victor Hugo Lachos, University of Connecticut, USA

On robustness properties of the skew-t model

Marcia Branco, Universidade de São Paulo, Brazil

10:30 am - 11:00 am Coffee break

11:00 am - 12:30 pm

Chair: **Clecio Ferreira**, Universidade Federal de Juiz de Fora

Multivariate skewness: a tensor approach

Nicola Maria Rinaldo Loperfido, Università di Urbino, Italy

Addressing asymmetric relationships with skewed link functions in Bayesian network modeling

Dipak Dey, University of Connecticut, USA

12:30 am - 2:30 pm Lunch

Afternoon session - Department of Statistical Sciences at Santa Caterina (Room SC 140)

2:30 pm - 4:00 pm

Chair: **Bruno Scarpa**, Department of Statistical Sciences at University of Padova

Aspects of factor modelling of skew multivariate data

Sylvia Fruehwirth-Schnatter, WU Vienna University of Economics and Business (Vienna)

Skew-symmetric representations of posterior densities

Daniele Durante, Department of Decision Sciences at Bocconi University

4:00 pm - 6:00 pm Concluding remarks and aperitif

Scientific Committee

Antonio Canale, Daniele Durante, Marc Genton, Brunero Liseo, Bruno Scarpa

Organizing committee

Antonio Canale, Daniele Durante, Elena Guzzonato, Bruno Scarpa

Contacts

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<https://skew2026.stat.unipd.it/>

Organized at

Department of Statistical Sciences - University of Padua

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