SDS Statistica e Data Science

MINISTERO DELLA CULTURA — DIREZIONE GENERALE ARCHIVI — Soprintendenza Archivistica e Bibliografica della Campania — ARCHIVIO DI STATO di Caserta

Università degli Studi della Campania *Luigi Vanvitelli*

SIS Società Italiana di Statistica

SDS 2026

Caserta, March 30-31 – April 1, 2026

https://sds2026.sis-statistica.it/

SIS-SDS2026 PROGRAMME

MONDAY, 30 March 2026	
8:30 - 10:30	**Registration**
10:30 - 11:10	**Opening cerimony**
11:10 - 12:10	**SP1 - Specialised Sessions**
	S1 - CLADAG: Statistical Aspects of Fairness. Chair: Leonardo Grilli (Univ. of Firenze) Room: SALA CONFERENZE **S2** - Data Overlap. Chair: Nicola Torelli (Univ. of Trieste) Room: SALA MARIA AMALIA DI SASSONIA **S3** - Environmental Data Science [chair: Germana Scepi. Chair: Germana Scepi (Univ. of Naples) Room: SALA MARIA CAROLINA D'ASBURGO
12:10 - 13:00	**C1 - Contributed Sessions**
	C1A - Clustering and Unsupervised Learning Methods. Chair: Room: SALA MARIA AMALIA DI SASSONIA C1B - Bayesian and Latent Variable Models. Chair: Room: SALA CONFERENZE C1C – UNINOVIS Alliance project - Causal Modelling and Optimization Techniques in the Age of AI: Methods and Applications. Chair: Room: SALA MARIA CAROLINA D'ASBURGO
13:00 - 14:30	**Lunch**
14:30 - 15:30	**SSP2**
	S4 - Composite Indices in Complex Surveys: Methodological Challenges and Innovations. Chair: Davino, C. (Univ. of Naples Federico II) **S5** - ISI-SDS Data science for dealing with alternative data sources and causal inference. Chair: Elisabetta Carfagna (Univ. of Bologna) **S6** - Bayes and Data Science for Social Good [chair: Brunero Liseo]
15:30 - 15:50	**Coffee Break**
15:50 - 16:50	**C2 - Contributed Sessions**
	C2A – Statistical Learning: selection, fairness and uncertainty C2B - Deep Learning for Predictive Modelling C2C - Statistical Modelling for Social Impact and Public Policy
16:50 - 19:00	**Reggia Palace visit**

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TUESDAY, 31 March 2026	
9:00 - 10:00	**Plenary Session** Chair. Rosanna Verde (Univ. of Campania Luigi Vanvitelli) *Nalini Ravishanker*, University of Connecticut, USA Pseudo-causal Assessment of Intervention Impact in Time Series using Classes of Gaussian Process Models
10:00 - 10:30	**Coffee Break**
10:30 - 11:30	**SP3 - Specialised Sessions**
	S7 - SVQS: Statistics and data science for sports data analysis [chair: Antonio Lucadamo (Univ. of the Sannio)] **S8** - SIS-Bayes - Bayesian methods for complex applications [chair: Roberto Macrì Demartino (Univ. of Trieste)] **S9** - AI in Official Statistics: challenges and opportunities [chair: Orietta Luzi (ISTAT)]
11:30 - 13:00	**Round Table -** Shaping Data Science Education: Evidence, AI-Driven Tools, and Skills for Official Statistics
13:00 - 14:10	**Lunch**
14:10 - 15:30	**IS1 - Invited Session**
	I1 - ENBIS/ISBIS Session Statistical Process Monitoring and Interpretable Forecasting for Modern Industrial Systems [chair: Antonio Lepore (Univ. of Naples Federico II]
15:30 - 16:30	**IS1 - Invited Session**
	I2 - The use of artificial intelligence for the visualisation of data from historical archive repositories [chair: Fortunata Manzi (Archivio di Stato di Caserta]]
16:30 - 17:30	**SDS Assembly**
20:00	**Social Dinner**

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WEDNESDAY, 1 April 2026	
9:00 - 10:00	**SSP4 - Specialised Sessions**
	S10 - LAB DS CINI: Advanced data governance and quality [Cladio Ardagna (Univ. of Milano)] **S11** - Robust data Science [chair: Marco Riani (Univ. of Parma)] **S12** - Ordinal data and dimensions reduction issues [chair: Antonio Balzanella (Univ. of Campania)]
10:00 - 10:30	**Coffee Break**
10:30 - 11:20	**Contributed Sessions / Poster Session**
	C3A - Robust and Adaptive Learning Algorithms C3B - Functional Data and Time Series Regression C3C - Statistical Modeling for Text and Educational Data P1 - Poster Session
11:20 - 12:40	**SP5 - Specialised Sessions**
	S13 - Recent Developments in Model-Based Clustering [chair: Lingge Wang (University of Alabama)] **S14** - Interpretable, Explainable and SAFE Methods in Statistical Data Science [chair: Mario Guarracino (Univ. of Cassino)] **S15** - SIFS - Statistical Physics and Data Science [chair: Lucilla De Arcangelis (Univ. of the Campania)]
12:40 - 13:50	**Lunch**
13:50 - 15:50	**Satellite event:** **Artificial intelligence in teaching and spreading statistical literacy** [chair*: Marcello Chiodi (Univ. of Palermo) SIS President*]