Artificial intelligence in teaching and spreading statistical literacy

Satellite Event of the 4^ SDS2026 Conference - SIS Section "Statistics and Data Science"

1st April 2026 | 14:00 – 16:00

at the State Archives – Royal Palace of Caserta, Caserta

For information on registering for the SDS2026 conference and satellite event:

https://sds2026.sis-statistica.it

FOCUS OF THE ROUND TABLE DISCUSSION*

- AI and innovation in statistics teaching
- Digital tools and interactive methodologies
- Dissemination of statistical culture in society through AI
- Opportunities, risks and future prospects

INTRODUCE:

The SIS President, Marcello Chiodi (University of Palermo)

PANELISTS:

- 'The Scientific Degrees in Statistics programme and educational innovation
Massimo Attanasio (University of Palermo), Domenico Vistocco (University of Naples Federico II)
- 'How AI integrates mathematical, statistical and IT skills' - *Gennaro Auricchio (University of Padua)*
- 'AI Tools for Statistics Teaching' - *Marcello Chiodi (University of Palermo)* -
- 'How to learn to ask the right questions in the age of AI' - *Corrado Crocetta (University of Bari)*
- 'Data, questions, decisions: evaluating the modern statistician'
Michele Gallo (University of Napoli – L'Orientale)
- 'How AI is redefining Statistical and Mathematical skills' - *Paolo Giudici (University of Pavia)*
- 'The spread of statistical culture in the age of AI: opportunities for Official Statistics'
Orietta Luzi (ISTAT)
- 'Tools to Help Students to improve their learning of Statistics' - *Stefania Mignani (University of Bologna)*
- 'From Computations to Modelling: How AI is Redefining Statistical Skills' –
Tommaso Minerva (University of Modena and Reggio Emilia)
- '*An intelligent and less artificial approach to statistics: teaching and research for the future*'
Piccolo D. (Università di Napoli Federico II)
- '*The use of artificial intelligence in Statistics exam preparation (Sociology)*'
Giulia Rivellini (Università Cattolica del Sacro Cuore, Milano)
- 'Artificial Intelligence in Teaching: Formidable Enemy or Useful Ally?'
Elena Stanghellini (University of Perugia)
- 'AI in the Master's degree course in Data Science: beyond traditional courses'
Rosanna Verde (University of Campania)
- 'Data ecosystem and Artificial Intelligence: how statistics are changing'
Maurizio Vichi (Sapienza University of Roma)
- 'Teaching (statistical) coding in the age of AI: a change in the educational paradigm?'
Domenico Vistocco (University of Napoli Federico II)

**** The event will be held in Italian***