



**Fondazione
Nazionale dei
Commercialisti**

RICERCA

4th Workshop of the project “101101784 – 2022-IT-FRED2” Fraud Repression through EDucation2

«DATA DRIVEN APPROACH AND ITS USE IN CONTRASTING THE EUROPEAN FUNDS FRAUD PHENOMENON»

Rome, 27 June 2024

Online

Moderator **Maria Felice Arezzo**, Prof. of Statistics, Sapienza University of Rome, Italy; Coordinator of FRED2project

9:30 **REGISTRATION AND OPENING OF THE MEETING**

10:00 **Institutional Greetings**

Alberto Pastore, Director of the Master in Euro-planning for PPAs and OOIs, Director of the Department of Management of Sapienza University of Rome, Italy

Mario Calabrese, Director of the research center Impresapiens, Sapienza University of Rome

Cruciano Cruciani, Colonel of Guardia di Finanza, Coordinator of the Technical Secretariat, Italian AFCOS

Antonio Tuccillo, President of the Fondazione Nazionale Commercialisti Ricerca

10:15 **Indicators of fraud - A preliminary taxonomy**

Francesca Iandolo, Professor from the Department of Management of Sapienza University of Rome, Italy





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- 10:45** **Detecting frauds through statistics and machine learning: an overview of supervised and unsupervised algorithms**
Domenico Vitale, Professor of Statistics from the Department of Methods, Models for Economics, Territory and Finance of Sapienza University of Rome, Italy
- 11:15** **Coffee Break**
- 11:30** **From unstructured data to structured data: how artificial intelligence can help to define reliable risk indicator**
Silvio Gerli, Adjunct lecturer of Statistics at the Department of Computer Science, Systems and Communication of University of Milano Bicocca, Italy; CEO of Sinte srl
- 12:00** **Robust correspondence analysis of the detection of distortions in international trade**
Marco Riani, Prof. of Statistics from the Department of Economics and Management Division of Statistics and Computing, University of Parma, Italy. Director Interdepartmental Centre Ro.S.A
- 12:30** **An overview of the economic approach to deviant (non-compliant) behaviour in economics**
Raffaella Coppier, Prof. of Economics from the Department of Economics of University of Macerata, Italy
- 13:00** **Lunch Break**
- 14:30** **The potential of Benford's law to derive disaggregated tax evasion indices for Italy**
Luisa Scaccia, Prof. of Statistics from the Department of Economics of University of Macerata, Italy
- 15:00** **Innovative methods for predicting frauds**
Ivan Pastor Sanz, Prof. of Risk Management in Banking and Finance, University of Valladolid
- 15:30** **Coffee Break**
- 15:45** **The efficient use of NextGeneration EU Funds: A research of the Eumodnext EU group project**
Óscar López de Foronda, Prof of Corporate Finance from Department of Economics and Business Management, University of Burgos
- 16:15** **How to combat risk of fraud and irregularities in EU funding using advanced technologies**
Nena Dokuzov, coordinator of the Strategy of digital transformation of economy at the Ministry of the Economy, Tourism and Sport in Slovenia. TO BE CONFIRMED
- 16:45** **CLOSING OF THE MEETING**

