

DATAI - IESE Workshop

May 6, 2024

9.15h

Welcome with the vice-president of research or so

AI in Professional Development and Decision Making

Modera Stella Salvatierra, Subdirectora de DATAI

9.30h

Sampsa Samila (IESE). You are no longer a technical specialist. Senior managers and technical specialist: two ways of working

9.45h

Enric Junqué de Fortuny (IESE). Large Language Models in Management Science

10.00h

Johannes Müller-Trede (IESE). "Silly" mistakes and our willingness to reply on people and machines for decision support

Enhancing Efficiency with Advanced AI Techniques and Tools

Modera Sergio Ardanza, Subdirector de DATAI

10.15h

Jesús López Fidalgo (DATAI core). Optimal transport and PLS for repairing biased data and Active learning

10.30h

Juan Carlos Gamero (DATAI core). Simulation-based multi-objective optimization to improve performance of computational designs.

10.40h

Ángel Rubio (TECNUN): Tips on how to use sparse matrices to speed up training, reduce memory requirements, and explain them.

11.00h

Raúl Cruz Hidalgo (Ciencias): Numerical-experimental analysis in granular fluid mechanics.

11.15h

Coffee break

Frontiers of Predictive Analytics and Statistical Models in AI

Modera Stella Salvatierra, Subdirectora de DATAI

11.45h

Rubén Armañanzas (DATAI core): Uncertainty Assessment of Algorithmic Prediction: The Conformal Framework

12.00h

Francis Planes (TECNUN): Advanced optimization tools in decision problems

12.15h

Mabel Morales (DATAI core): Autoregressive regression model proposals for spatial and spatio-temporal count data

AI Applications and Imaging

Modera Sergio Ardanza, Subdirector de DATAI

12.30h

Mikel Hernáez (CIMA): Graph neural networks (potentially generative) application to treatment selection

12.45h

Diego Borro (CEIT): AI techniques for image processing.

13.00h

Saioa Arrizabalaga (CEIT): Typology of the research in IA at CEIT.

13.15h

Buffet lunch for research networking