DIPARTIMENTO DI SCIENZE GIURIDICHE

SAPIENZA UNIVERSITÀ DI ROMA

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DOTTORATO IN AUTONOMIA PRIVATA, IMPRESA, LAVORO E TUTELA DEI DIRITTI NELLA PROSPETTIVA EUROPEA ED INTERNAZIONALE

Rome, September 22th, 2025 – 3:00 PM
Law Faculty – Sala Lauree

Let's go computational
(Disruptive Potentials of Computational Tools in Legal Scholarship and Practice)

Welcome Addresses
OLIVIERO DILIBERTO – Dean of the Law Faculty
MIRZIA BIANCA – Director of the Legal Sciences Department
ALESSANDRO SOMMA – Coordinator of the PhD

Introductory Remarks
ANTONIO CAPIZZI
Sapienza Università di Roma

Keynote speech
JOHANNES KRUSE
Max Planck Institute for Research on Collective Goods

Johannes Kruse shows how computational methods are already reshaping antitrust enforcement and business-law practice. Through real-world examples he demonstrates how machine-learning screeners flag potential cartels, sentiment analytics forecast the persuasive force of economic arguments before specific courts, and agent-based simulations uncover judicial dynamics that would otherwise remain hidden.

Building on these demonstrations, Kruse turns to the implications for scholarship. Large Language Models (LLMs) expand the legal toolbox—from ProfessorGPT for rapid, tailored case-law analysis, to the Ordinary Meaning Bot for empirical legal studies with AI agents, and the Contract Interpretation Bot for large-scale analysis of contractual language. The discussion will engage with the potential and limitations of LLMs as co-authors, reviewers, and simulated interlocutors in academic discourse, highlighting epistemic risks and the shifting boundaries of scholarly authorship.

Zoom
https://uniroma1.zoom.us/j/85968510441

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