

Smart inventory management: will Deep Reinforcement Learning help us win the game?

Even given the recent emergence of many standardized solutions, Artificial Intelligence remains a complex topic in particular for those applications requiring more specific, 'ad hoc' solutions. The seminar is based on a real business case: how can an e-commerce subject manage its inventory in an optimal way, i.e. by minimizing stocks, maximizing margins and guaranteeing quick deliveries to its customers at the same time?

The technique proposed for this case is Deep Reinforcement Learning: using a simulator that reproduces in a realistic way the sales and delivery strategies of back-office suppliers, the machine must learn to harness available information and define an optimal strategy of its own.

Speakers

[Marco Piastra](#)

Contract professor of Artificial Intelligence, University of Pavia

[Marcello Torriani](#)

Ariadne and Ariadne Digital CTO & Co-Founder

When

25th January 2018
at 4.00 pm

Where

[Faculty of Engineering](#)

University of Pavia
Via Ferrata 5 - 27100 Pavia

Classroom: Seminar Class ELN,
D Floor