Università degli Studi di Trieste
Dipartimento di Fisica
Evento di Orientamento ed Indirizzo

Minicorso FISICA e FINANZA

Wednesday, December 5th, 5:00 PM – Lecture Room A, F building, Dip. di Fisica – via Valerio 2

Giacomo Dovier

Chief Functional Analyst, LIST SpA

Riccardo Bernini

Head of Financial Engineering, LIST SpA

Anomaly Detection using Artificial Intelligence.

Recent years have seen a growing availability of computing resources, data storage capacity and real time streaming of data. These three factors combined together have made it possible the application of Machine Learning and Neural Networks models to data analysis, forecasting problems, and anomaly detection. In general, these methodologies are usually concerned with the term of Artificial Intelligence. In particular, the problem of anomaly detection (AD) has become relevant due to the huge amount of streaming of data. The challenging task in this field is to make AD in real time.

Sebastiano Saccani

Administrator, AINDO

Machine Learning as employment opportunity for a graduate student in physics

Modern artificial intelligence techniques are going to influence deeply each field of the production of both goods and services. However, there are still few specialists and the need for competence in this field will grow exponentially in the next years. This opens interesting employment possibilities for a graduate student in physics. In this talk we will deliver a short overview of the machine learning techniques and will address the expected applications with the aid of practical examples.

Everyone interested in the topic is welcome to attend

Informazioni: seminari@ts.infn.it