

TensorFlow 2.0

overview and introduction to the new features

TensorFlow 2.0 provides a comprehensive ecosystem of tools for developers, enterprises, and researchers who want to push the state-of-the-art in machine learning and build scalable ML-powered applications.

TensorFlow 2.0 makes development of ML applications much easier. With tight integration of Keras into TensorFlow, eager execution by default, and Pythonic function execution, TensorFlow 2.0 makes the experience of developing applications as familiar as possible for Python developers.

Content

The tutorial will recap the basics of TF and introduces the new features of the version 2.0. With practical examples, you will learn how to train basic and advanced ML models from scratch.



Invited speaker

Dr. Simone Scardapane is a Google Developer Expert for Machine Learning, specialized in deep networks, activation functions, and audio applications. Scardapane promotes machine learning concepts and making them accessible to everyone by organizing events, speeches, and hackathons. He's a co-founder of the Italian Association for Machine Learning, a not-for-profit organization with the aim of promoting machine learning concepts in the public. He's also the co-organizer of the Rome Machine Learning & Data Science Meetups, that organizes monthly events in Rome, and a member of the advisory board for Codemotion Italy.

Universita' di Pisa – Dipartimento di Informatica

14 Novembre 2019 – ore 11:30

Room “sala seminario Ovest”

