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Galileo Galilei



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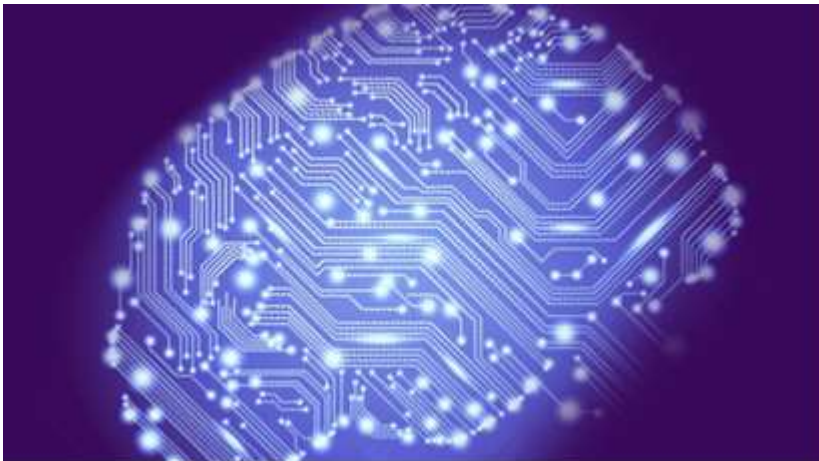
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aula "A. Rostagni"

Lorenzo Rosasco

Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi - Università di Genova

Artificial intelligence 2.0: rise of the learning machines



Machine learning systems fed with huge annotated data-sets, and empowered by the latest computer architectures, are the key behind the recent successes in artificial intelligence driving the

huge resurgence in the topic. Interestingly, the same systems are the basis of a new "Science of data" providing tools to process and model data from all kind of fields in natural science and engineering.

In this talk, after a brief introduction to the basic concepts in machine learning, I will discuss the current state of the art as well as some challenges in the field.