

IGNACIO CIRAC LABORATORY COURSE

MATHEMATICAL FOUNDATIONS OF SUPERVISED MACHINE LEARNING

SPEAKER: Michael M. Wolf (Technical University Munich)

DATE: 1-5 October 2018. Every day from 11:00 to 13:00

PLACE: Aula Gris 1, ICMAT (Campus de Cantoblanco, Madrid)

ABSTRACT: The course aims at providing an overview of the mathematical background of supervised machine learning. It is intended for mathematicians interested in a theoretical understanding of the methods underlying current developments in artificial intelligence. Topics include: statistical learning theory, representation/approximation efficiency and (unreasonable?) effectiveness of deep nets, alternatives to neural networks.