SMII

Scuola Matematica Interuniversitaria

Summer courses in Mathematics

Supported by
CONSORZIO INTERUNIVERSITARIO
PER L'ALTA FORMAZIONE IN MATEMATICA (CIAFM)
and by
MINISTERO DELL'UNIVERSITÀ E DELLA RICERCA (MUR)

CORTONA

Palazzone della Scuola Normale Superiore

ITERATIVE METHODS FOR LARGE-SCALE SADDLE-POINT PROBLEMS
May 9-20, 2022

Michele Benzi - Scuola Normale Superiore, Pisa
Fabio Durastante - Dipartimento di Matematica, Università di Pisa

SCHOOL ON UNIVALENT MATHEMATICS - July 17-23, 2022

Organizers:
Benedikt Ahrens - Delft University of Technology
Marco Maggesi - Università di Firenze

Lecturers:
Benedikt Ahrens - Delft University of Technology
Gianluca Amato - Università di Chieti-Pescara
Peter LeFanu Lumsdaine - Stockholm University
Marco Maggesi - Università di Firenze
Ralph Matthes - CNRS & Université de Toulouse
Page Randall North - University of Pennsylvania
Niels van der Weide - Radboud University

Guest speakers:
Kevin Buzzard - Imperial College London
Thierry Coquand - University of Gothenburgh
Daniel R. Grayson - University of Illinois

SUMMER GRADUATE SCHOOL "MATHEMATICS OF MACHINE LEARNING"
July 25, 2022 - August 05, 2022

Organizers:
Sebastien Bubeck (Microsoft Research)
Adith Swaminathan (Microsoft Research)

Main Speakers:
Nicolas Flammarion (Ecole polytechnique fédérale de Lausanne): Convex optimization
Rob Schapire (Microsoft Research, NYC lab): Statistical Learning Theory
Joan Bruna (Courant Institute and the Center for Data Science): Deep learning
Nicolò Cesa-Bianchi (Università degli Studi di Milano): Online learning
Emma Brunskill (Stanford University): Reinforcement Learning

This school is offered as a partnership by Istituto Nazionale di Alta Matematica (INdAM),
Scuola Matematica Interuniversitaria (SMI), Mathematical Sciences Research Institute
(MSRI) and the Courant Institute of Mathematical Sciences.

The course is
addressed to students
who have already been
introduced to advanced
studies or research.
The course is organized
as follows:
four hours of lectures
and two hours of discussion
and problems everyday.

For information via
e-mail, interested
people can write to
smi.@fi.iac.cnr.it

Information on how to
apply and on the course
programs are also
available at the
web-page
www.smi-math.unipr.it