



19-23 June
2023

WORKSHOP

Aula Dini
Piazza del Castelletto
Scuola Normale Superiore
Pisa

SCIENTIFIC COMMITTEE:

Luigi Ambrosio

Scuola Normale Superiore

Enrico Le Donne

University of Fribourg and Jyväskylän Yliopisto

Fulvio Ricci

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Scuola Normale Superiore

Davide Vittone

Università di Padova

Stefan Wenger

University of Fribourg

SUB-RIEMANNIAN GEOMETRY AND BEYOND, III. A GIST ON LIE GROUPS IN PISA

This conference was already planned for May 19-29, 2020.

The conference is the third meeting within the ERC project GeoMeG (Geometry of Metric Groups).

The previous editions were:

<http://research.jyu.fi/geomeg/workshop/2018/>

<http://research.jyu.fi/geomeg/workshop/2019/>

The general plan is to bring together international researchers working in various areas of mathematics with connections to sub-Riemannian geometry or, more generally, metric geometry.

The idea for this meeting is to focus as much as possible on the following subjects:

1. large-scale geometry of nilpotent groups (and how the sub-Riemannian geometry appears through asymptotic cones)
2. Heintze groups (homogeneous negatively curved manifolds) and their boundaries (which are nilpotent groups, possibly equipped with non-smooth distances)
3. geometry of solvable groups or, more generally, the large scale geometry of Lie groups

CONFIRMED SPEAKERS:

MARC BURGER

ETH Zurich

LUCA CAPOGNA

Smith College

PAOLO CIATTI

Università di Padova

YVES CORNULIER

CNRS-Université Lyon 1

MOON DUCHIN

Tufts University

TULLIA DYMARZ

University of Wisconsin

DAVID FISHER

Rice University

ASSAF NAOR *

Princeton University

PIERRE PANSU

Université Paris-Saclay

FREDERIC PAULIN

Université Paris-Saclay

ROMAN SAUER

Karlsruhe Institute for Technology

YEHUDA SHALOM

Tel Aviv University

XIANGDONG XIE

Bowling Green State University

ROBERT YOUNG

New York University

*to be confirmed

Web site: <http://www.crm.sns.it/event/504/>

REGISTRATION: Please note that for organizational purposes, registration is mandatory.

INFO

Centro di Ricerca Matematica

Ennio De Giorgi

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E l a b o r a z i o n e d e l l ' U f f i c i o c o m u n i c a z i o n e S N S

