

6–10 June
2022

SPECIAL RIEMANNIAN METRICS AND CURVATURE FUNCTIONALS

WORKSHOP

Aula Dini
Piazza del Castelletto
Scuola Normale Superiore
Pisa

ORGANIZING COMMITTEE:

Giovanni Catino
Politecnico di Milano

Andrea Malchiodi
Scuola Normale Superiore

INFO

Centro di Ricerca Matematica
Ennio De Giorgi
Palazzo Puteano
Piazza dei Cavalieri, 3 - PISA
crm@sns.it

This workshop gathers researchers in the areas of Differential and Riemannian Geometry and Geometric Analysis. The main focus is on the studies of special Riemannian metrics on smooth manifolds (such as Einstein, Yamabe and Bach flat metrics), variational aspects of curvature functionals (such as Yang-Mills and quadratic functionals) and canonical embeddings (such as minimal and Willmore hypersurfaces). Apart from research talks, the workshop will have two mini-courses by: Sun-Yung Alice Chang (Princeton University) and Claude LeBrun (Stony Brook University).

CONFIRMED SPEAKERS:

GILLES CARRON
Université de Nantes

SUN-YUNG ALICE CHANG
Princeton University

ANNA DALL'ACQUA
Universität Ulm

PIERPAOLO ESPOSITO
Università di Roma III

EDUARDO GARCIA RIO
Universidade Santiago de Compostela

CLAUDIO AREZZO
ICTP, Trieste

MATTHEW GURSKY
University of Notre Dame

RAMIRO LAFUENTE
University of Queensland, Brisbane

YI LAI
Stanford University

CLAUDE LEBRUN
Stony Brook University

ELENA MÄDER-BAUMDICKER
Technische Universität Darmstadt

CARLO MANTEGAZZA
Università di Napoli Federico II

DARIO MONTICELLI
Politecnico di Milano

TRISTAN RIVIÈRE
ETH, Zürich

LUIGI VEZZONI
Università degli studi di Torino

JEFFREY VIACLOVSKY
University of California, Irvine

PAUL YANG
Princeton University

Web site: <http://www.crm.sns.it/event/496/>

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



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