



WINTER SCHOOL AND CONFERENCE

NONCOMMUTATIVE GEOMETRY AND GEOMETRIC ANALYSIS

VILLA DE LEYVA, COLOMBIA
DECEMBER 5 TO 16, 2022

LECTURERS

Robert Yuncken - Université de Lorraine, France
"Lie groupoids and pseudodifferential operators"

Eckhard Meinrenken - University of Toronto, Canada
"Differential geometry of weightings and deformation spaces"

Rudolf Zeidler - Universität Münster, Germany
"The geometry of scalar curvature"

Chris Bourne - Tohoku University, Japan
"Fermionic gapped ground states, topological phases and index theory"

SPEAKERS

Iakovos Androulidakis - University of Athens, Greece

Noé Bárcenas - Centro de Ciencias Matemáticas UNAM, Mexico

Alejandro Cabreara - Universidade Federal do Rio de Janeiro, Brasil

Simone Cecchini - Texas A&M University, USA

Guillermo Cortiñas - Universidad de Buenos Aires, Argentina

Jean Carlos Cortissoz - Universidad de los Andes, Colombia

Siarhei Finski - École Polytechnique, France

Sherry Gong - Texas A&M University, USA

Qiaochu Ma - Pennsylvania State University, USA

Bram Mesland - Leiden University, The Netherlands

Edward MacDonald - Pennsylvania State University, USA

Omar Mohsen - Université Paris-Saclay, France

Andrés Reyes - Universidad de los Andes, Colombia

Maria Amelia Salazar - Universidade Federal Fluminense, Brasil

Karen Strung - Czech Academy of Sciences, Czech Republic

Andrés Vargas - Pontificia Universidad Javeriana, Colombia

Mario Velásquez - Universidad Nacional, Bogotá, Colombia

Christian Voigt - University of Glasgow, UK

Ping Xu - Pennsylvania State University, USA

SCIENTIFIC COMMITTEE

Paulo Carrillo Rouse - Institut de Mathématiques de Toulouse, France

Nigel Higson - Pennsylvania State University, USA

Xiaonan Ma - Université de Paris, France

Yanli Song - Washington University at St. Louis, USA

Xiang Tang - Washington University at St. Louis, USA

Zhizhang Xie - Texas A&M University, USA

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