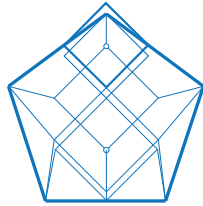


PROGRAMME



FIRST JOINT INTERNATIONAL M E E T I N G

OF THE ITALIAN AND SPANISH MATHEMATICAL SOCIETIES
RSME-SCM-SEMA-SIMAI-UMI

BILBAO, JUNE 30 - JULY 4, 2014
FACULTAD DE CIENCIA Y TECNOLOGÍA, LEIOA

Luigi Ambrosio
Scuola Normale Superiore di Pisa

Alberto Bressan
Penn State University

Xavier Cabré
ICREA and Universitat Politècnica de Catalunya

Alessio Corti
Imperial College London

Andrei Jaikin
Universidad Autónoma de Madrid

María Teresa Martínez-Seara
Universitat Politècnica de Catalunya

Gian Pietro Pirola
Università di Pavia

Alfio Quarteroni
(EMS Distinguished Speaker)
École Polytechnique Fédérale de Lausanne

Francisco Santos
Universidad de Cantabria

Giuseppe Toscani
Università di Pavia

Juan Luis Vázquez
Universidad Autónoma de Madrid

Luis Vega
BCAM and UPV/EHU

Miguel Ángel Herrero (2014 EMS Lecturer)
Universidad Complutense de Madrid

www.ehu.es/fjim2014

Scientific Committee: Nicola Bellomo (Politecnico di Torino) - Angel Calsina (Universitat Autònoma de Barcelona) - Piermarco Canarsa (Università di Roma Tor Vergata) - Luca Chiantini (Università di Siena) - Luca Formaggia (Politecnico di Milano) - Rosa María Miró-Roig (Universitat de Barcelona) (Chairman) - Pablo Pedregal (Universidad de Castilla-La Mancha) - Irene Peral (Universidad Autónoma de Madrid) - Carles Simó (Universitat de Barcelona) - Ion Zaballa (Universidad del País Vasco/Euskal Herriko Unibertsitatea)
Organizing Committee: Javier Duoandikoetxea - Gustavo Fernández - Marisa Fernández - Jesús Gómez (Chairman) - Mikel Lezaun - Virginia Muto - Arantza Urkaregi. **Coordinator from the EMS:** Laurence Halpern



SeMA

SIMAI



Monday, June 30

Bizkaia Aretoa, Paraninfo UPV/EHU, Bilbao

- 9:30-10:15 Opening
- 10:15-11:00 Coffee Break
- 11:00-12:00 Alfio Quarteroni
The challenge of complexity in numerical modeling of partial differential equations
- 12:00-13:00 Luis Vega
The evolution of vortex filaments with corners

-
- Bus from Bizkaia Aretoa to the Leioa-Erandio Campus of the UPV/EHU
 - LUNCH
-

Faculty of Science and Technology, UPV/EHU, Leioa

- 15:00-16:00 Alessio Corti
The combinatorics of plane lattice polygons and mirror symmetry for orbifold surfaces
- 16:00-18:30 Special Sessions
S1, S2, S5, S6, S7, S8, S9, S12, S13, S14, S15, S16,
S18, S20, S24, S30

18:30 RSME members: *Junta General Extraordinaria* (Salón de Grados).

Tuesday, July 1

Faculty of Science and Technology, UPV/EHU, Leioa

- 9:30-10:30 Francisco Santos
*Recent progress on the combinatorics of polyhedra
and simplicial complexes*
- 10:30-11:00 Coffee Break
- 11:00-12:30 Special Sessions
S1, S2, S5, S6, S7, S8, S9, S12, S13, S14, S15, S16,
S20, S24, S30
- 12:30-13:30 Miguel Á. Herrero
Mathematical Modelling and Simulation in Biomedicine
(Lecture 1)

• LUNCH

- 15:00-16:00 Andrei Jaikin
*The absolute Galois group acts faithfully on regular dessins
and on Beauville surfaces*
- 16:00-18:30 Special Sessions
S1, S2, S5, S6, S7, S8, S9, S12, S13, S14, S15, S16,
S18, S20, S24, S30

-
- 18:30-19:30 Springer author's workshop

Wednesday, July 2

Faculty of Science and Technology, UPV/EHU, Leioa

- 9:30-10:30 Gian Pietro Pirola
Applications of spin structures on complex algebraic curves
- 10:30-11:00 Coffee Break
- 11:00-12:30 Special Sessions
S1, S5, S6, S7, S8, S9, S12, S13, S15, S16, S24, S30
- 12:30-13:30 Miguel Á. Herrero
Mathematical Modelling and Simulation in Biomedicine
(Lecture 2)

• LUNCH

- 15:00-16:00 Xavier Cabré
*New isoperimetric inequalities with densities arising
in reaction-diffusion problems*
- 16:00-18:00 Special Sessions
S3, S4, S10, S11, S17, S19, S21, S23, S25,
S26, S27, S28, S29
- 18:00-19:00 Round Table: *What mathematics can bring to industry*
Alfredo Bermúdez de Castro, Luca Formaggia, Luis Vega,
Laurence Halpern (moderator)

21:00 *Conference Dinner* at Hotel Ercilla (Bilbao).

Thursday, July 3

Faculty of Science and Technology, UPV/EHU, Leioa

- 9:30-10:30 Giuseppe Toscani
Entropies and nonlinear diffusion equations
- 10:30-11:00 Coffee Break
- 11:00-12:30 Special Sessions
S3, S4, S10, S11, S19, S21, S22, S23, S25,
S26, S27, S28, S29
- 12:30-13:30 Miguel Á. Herrero
Mathematical Modelling and Simulation in Biomedicine
(Lecture 3)

• LUNCH

- 15:00-16:00 Alberto Bressan
*Conservation law models for traffic flow on a network
of roads*
- 16:00-18:00 Special Sessions
S3, S4, S10, S11, S17, S19, S21, S22, S23, S25,
S26, S27, S28, S29
-

Friday, July 4

Faculty of Science and Technology, UPV/EHU, Leioa

- 9:30-10:30 María T. Martínez Seara
*Oscillatory motions in the restricted circular planar
three body problem*
- 10:30-11:00 Coffee Break
- 11:00-13:30 Special Sessions
S3, S4, S10, S11, S19, S21, S23, S25,
S26, S27, S28, S29

-
- LUNCH
 - Bus from Leioa-Erandio Campus of the UPV/EHU to Bizkaia Aretoa
-

- 15:30-16:30 Luigi Ambrosio
*Recent progress on calculus on metric measure spaces
and the theory of Ricci lower bounds*
- 16:30-17:30 Juan Luis Vázquez
Nonlinear heat equations of fractional diffusion type
- 17:30-18:00 Closing Ceremony

S1. Algebraic Entropy and Topological Entropy

Monday, June 30

16.00-17.00 Francisco Balibrea
17.00-18.00 Luigi Salce
18.00-18.30 Víctor Jiménez López

Tuesday, July 1

11.00-12.00 Dikran Dikranjan
12.00-12.30 Peter Vámos

16.00-17.00 Lluís Alsedà
17.00-17.30 Simone Virili
17.30-18.00 Manuel Sanchis
18.00-18.30 Federico Berlai

Wednesday, July 2

11.00-11.30 José S. Cánovas
11.30-12.00 Anna Giordano Bruno
12.00-12.30 *Discussion*

Organizers: Luigi Salce (salce@math.unipd.it), Manuel Sanchis López.

S2. Algebraic Geometry in Applications and Algorithms

Monday, June 30

16:00 *Opening*
16:05-16:45 Laureano González Vega
16:55-17:35 Carlos Villarino Cabellos
17:50-18:30 Franz Winkler

Tuesday, July 1

11:00-11:40 Cristiano Bocci
11:50-12:30 Marta Casanellas Rius

16:00-16:40 GianMario Besana
16:55-17.30 Chris Peterson
17:50-18.30 Tony Shaska

Organizers: A. Alzati, M. Bertolini, J.R. Sendra (rafael.sendra@uah.es),
C. Turrini.

S3. Classical and Modern Algebraic Geometry

Wednesday, July 2

16:00-16:50 P. Cascini
16:55-17:25 G. Pacienza
17:30-18:00 C. Casagrande

Thursday, July 3

11:00-11:50 O. García-Prada
12:00-12:30 M. A. Barja

16:00-16:50 Y. Toda
16:55-17:25 M. Lahoz
17:30-18:00 D. Faenzi

Friday, July 4

11:00-11:50 J. Wisniewski
12:00-12:30 J. C. Sierra
12:40-13:10 R. Pardini

Organizers: Laura Costa (costa@ub.edu), Angelo Felice Lopez, Roberto Muñoz, Paolo Stellari.

S4. Complex Analysis and Operator Theory

Wednesday, July 2

16:00-16:30 Marco M. Peloso
16:30-17:00 José Bonet
17:00-17:30 Chiara de Fabritiis
17:30-18:00 Eva A. Gallardo Gutiérrez

Thursday, July 3

11:00-11:30 Marco Abate
11:30-12:00 José Ángel Peláez
12:00-12:30 Graziano Gentil

16:00-16:30 Luis Rodríguez Piazza
16:30-17:00 Olivia Constantin
17:00-17:30 Juan Bès
17:30-18:00 Filippo Bracci

Friday, July 4

11:00-11:30 María José Martín
11:30-12:00 Pavel Gumenyuk
12:00-12:30 Artur Nicolau
12:30-13:00 María Carmen Reguera
13:00-13:30 Daniele Morbidelli

Organizers: Nicola Arcozzi, Filippo Bracci, Manuel Contreras, Daniel Girela (girela@uma.es).

S5. Constitutive Equations for Heat Conduction in Nanosystems and Non-Equilibrium Processes

Monday, June 30

16:00-16:22 Orazio Muscato *Chairman: Miroslav Grmela*
16:26-16:48 Yuan Dong
16:52-17:14 David Jou
17:18-17:38 *Break*
17:38-18:00 Patrizia Rogolino
18:04-18.26 Antonio Sellitto

Tuesday, July 1

11:12-11:34 Miroslav Grmela *Chairman: Federico Vázquez*
11:38-12:00 Yu-Chao Hua
12:04-12:26 Liliana Restuccia

16:00-16:22 Federico Vázquez *Chairman: Orazio Muscato*
16:26-16:48 Vito Antonio Cimmelli
16:52-17:14 Carla de Tomas
17:18-17:38 *Break*
17:38-18:00 Michele Sciacca
18:04-18.26 Lidia Saluto

Wednesday, July 2

11:00-12:30 Round Table:
Modeling non-equilibrium processes in continuum physics

Organizers: David Jou (david.jou@uab.cat), Vito Antonio Cimmelli.

S6. Control of PDE: Theory, Numerics, and Applications

Monday, June 30

16:00-16:50 Eduardo Casas
16:50-17:40 Cristina Pignotti
17:40-18:30 Paola Loreti

Tuesday, July 1

11:00-11:50 Daniela Sforza
11:50-12:30 Karine Beauchard

16:00-16:50 Mariano Mateos
16:50-17:40 Ira Neitzel
17:40-18:30 Konstantinos Chrysafinos

Wednesday, July 2

11:00-11:50 Christopher Ryll
11:50-12:30 Fatiha Alabau-Boussouira

Organizers: Eduardo Casas (eduardo.casas@unican.es), Paola Loreti.

S7. Copulas, Markov Operators and Mass Transportation

Monday, June 30

16:00-17:00 Fabrizio Durante
17:00-18:00 Giovanni Puccetti

Tuesday, July 1

11:00-12:00 Franco Pellerey
16.00-16:50 Piotr Jaworski
16:50-17:40 Gianfausto Salvadori
17:40-18.30 Juan Fernández Sánchez

Wednesday, July 2

11:00-12:00 Wolfgang Trutschnig

Organizers: Enrique de Amo, Carlo Sempi (carlo.sempi@unisalento.it).

S8. Dispersive Equations

Monday, June 30

16:00-16:50 Nikolay Tzvetkov
16:50-17:25 Valeria Banica
17:30-17:55 Damiano Foschi
18:00-18:25 Luca Fanelli

Tuesday, July 1

11:00-11:50 Gigliola Staffilani
12:00-12:25 Susana Gutiérrez

16:00-16:25 Javier Ramos
16:30-16:55 Piero D'Ancona
17:00-17:25 Evelyne Miot
17:30-17:55 Patxi de La Hoz
18:00-18:30 Miren Zubeldia

Wednesday, July 2

11:00-11:50 Gustavo Ponce
12:00-12:25 Riccardo Adami

Organizers: Luis Vega, Nicola Visciglia (viscigli@dm.unipi.it).

S9. \mathcal{D} -modules and Singularities

Monday, June 30

16:00-16:50 Teresa Monteiro-Fernandes
16:50-17:40 Giovanni Morando
17:40-18:30 Kiyoshi Takeuchi

Tuesday, July 1

11:00-11:45 Takuro Abe
11:45-12:30 María Cruz Fernández

16:00-16:50 Andrea D'Agnolo
16:50-17:40 Michel Granger
17:40-18:30 Takuro Abe

Wednesday, July 2

11:00-11:45 Alberto Castaño Domínguez
11:45-12:30 Luca Prelli

Organizers: Andrea D'Agnolo, Francisco-Jesús Castro-Jiménez (castro@us.es), Luis Narváez Macarro.

S10. Functional Analysis and Partial Differential Equations

Wednesday, July 2

16:00-16:30 Alessandro Oliaro
16:30-17:00 Alessia Ascanelli
17:00-17:30 Enrique Jordá
17:30-18:00 Thomas Kalmes

Thursday, July 3

11:00-11:30 María del Carmen Gómez Collado
11:30-12:00 Pedro Tradacete
12:00-12:30 María José Beltrán

16:00-16:30 Alessandro Morando
16:30-17:00 Pedro J. Miana
17:00-17:30 Natalia Romero
17:30-18:00 André Sues

Friday, July 4

11:00-11:30 Sven-Ake Wegner
11:30-12:00 Michele Miranda
12:00-12:30 Pablo Sevilla
12:30-13:00 Antonio J. Guirao
13:00-13:30 José Manuel Calabuig

Organizers: Chiara Boiti, J. Alberto Conejero, David Jornet (djornet@mat.upv.es).

S11. Geometric Analysis

Wednesday, July 2

16:00-16:55 Pablo Mira
17:00-17:55 Tommaso Pacini

Thursday, July 3

11:00-11:40 Theodora Bourni
11:45-12:25 Francisco Torralbo

16:00-16:35 Debora Impera
16:40-17:15 Miguel Manzano
17:20-17:55 Sebastien Cartier

Friday, July 4

11:00-11:45 Ana Hurtado
11:50-12:35 Laurent Mazet
12:40-13:25 Giuseppe Tinaglia

Organizers: Barbara Nelli, Magdalena Rodríguez (magdarp@ugr.es).

S12. Geometric Topology

Monday, June 30

16:00-16:30 Michel Boileau
16:30-17:00 Ana García Lecuona
17:00-17:30 Anastasiia Tsvietkova
17:30-18:00 Yuya Koda
18:00-18:30 Bruno Martelli

Tuesday, July 1

11:00-11:30 Antonio Costa
11:30-12:00 Raquel Díaz
12:00-12:30 Stefano Francaviglia

16:00-16:30 Cristina Pagliantini
16:30-17:00 Roberto Frigerio
17:00-17:30 Alessandro Sisto
17:30-18:00 Javier Aramayona
18:00-18:30 Juan Souto

Wednesday, July 2

11:00-11:30 Bruno Benedetti
11:30-12:00 Christoforos Neofytidis
12:00-12:30 Shicheng Wang

Organizers: Carlo Petronio (petronio@dm.unipi.it), Joan Porti.

S13. Group Theory

Monday, June 30

16:00-16:35 Ilya Kazachkov
16:40-17:10 Lucía Sanus
17:15-17:30 Leire Legarreta
17:35-17:50 Antonio Tortora
17:55-18:10 Elena Couselo
18:15-18:30 Şükran Gül

Tuesday, July 1

11:00-11:20 Dessislava Kochloukova
11:25-11:45 Conchita Martínez-Pérez
11:50-12:05 Ralph Stöhr
12:10-12:25 María José Felipe

16:00-16:35 Primož Moravec
16:40-17:10 Marta Morigi
17:15-17:30 Azam Babai
17:35-17:50 Khadijeh Fathalikhani
17:55-18:10 Emma Leppälä
18:15-18:30 Oihana Garaialde

Wednesday, July 2

11:00-11:20 Péter P. Pálffy
11:25-11:45 Carmela Musella
11:50-12:05 Milagros Arroyo-Jordá
12:10-12:25 Gabriella D'Este

Organizers: Gustavo A. Fernández-Alcober (gustavo.fernandez@ehu.es), Jon González-Sánchez, Mercede Maj, Patrizia Longobardi.

S14. Harmonic Analysis

Monday, June 30

16:00-16:25 Fulvio Ricci
16:30-16:55 Gustavo Garrigós
17:00-17:25 Alessio Martini
17:30-17:55 Ignacio Uriarte-Tuero
18:00-18:25 Bruno Franchi

Tuesday, July 1

11:00-11:25 Javier Duoandikoetxea
11:30-11:55 Leonardo Colzani
12:00-12:25 Joan Mateu

16:00-16:25 Ezequiel Rela
16:30-16:55 Vasilis Chousionis
17:00-17:25 Jose María Martell
17:30-17:55 Maria Vallarino
18:00-18:25 Carlos Pérez

Organizers: Albert Mas (amasblesa@gmail.com), Marco Peloso.

S15. History of Mathematics in Italy and Spain: state of the art and future developments

Monday, June 30

16:00-18:30 *Chairperson and commentator:* Paolo Freguglia

- Enric Pérez Canals, Nemrod Carrasco Nicola
- Veronica Gavagna
- Fàtima Romero Vallhonestà
- M^a Rosa Massa Esteve

Tuesday, July 1

11:00-12:30 *Chairperson and commentator:* Fàtima Romero Vallhonestà

- Maria Teresa Borgato
- Paolo Freguglia
- Carles Puig-Pla

16:00-18:00 *Chairperson and commentator:* Emma Sallent Del Colombo

- Sandro Caparrini
- Giuseppe Canepa, Giuseppina Fenaroli, Ivana Gambaro
- Irene Polo Blanco
- *Round table: Ongoing projects, state of the art and future developments:* Ciro Ciliberto, Paolo Freguglia, Angelo Guerraggio, Marta Macho-Stadler

Wednesday, July 2

11:00-12:30 *Chairperson and commentator:* Sandro Caparrini

- Cinzia Cerroni
- Aldo Brigaglia
- Emma Sallent Del Colombo

Organizers: Paolo Freguglia, Emma Sallent Del Colombo (emma.sallent@ub.edu).

S16. Linear Algebra: Algorithms and Applications

Monday, June 30

16:00-16:30 Karl Meerbergen
16:30-17:00 Vanni Noferini
17:00-17:30 Françoise Tisseur
17:30-18:00 Ion Zaballa
18:00-18:30 Fernando de Terán

Tuesday, July 1

11:00-11:30 Beatrice Meini
11:30-12:00 Federico Poloni
12:00-12:30 Bruno Ianazzo

16:00-16:30 Rafael Bru
16:30-17:00 Daniela Di Serafino
17:00-17:30 Margherita Porcelli
17:30-18:00 Luca Bergamaschi
18:00-18:30 Julio Moro

Wednesday, July 2

11:00-11:30 Juan Manuel Peña
11:30-12:00 Nicola Mastronardi
12:00-12:30 Raf Vandebril

Organizers: Dario Andrea Bini, Froilán M. Dopico
(dopico@math.uc3m.es), Silvia Marcaida,

S17. Mathematical and numerical modeling of the cardiac electro-mechanical coupling

Wednesday, July 2

16:00-16:50 Jazmin Aguado
16:55-17:25 Lara Charawi
17:30-18:00 Piero Colli-Franzone

Thursday, July 3

16:00-16:50 Andjela Davidović
16:55-17:25 Adelaide de Vecchi
17:30-18:00 Simone Palamara

Organizers: Luca Gerardo-Giorda (lgerardo@bcamath.org), Simone Scacchi.

S18. Mathematical Aspects and Applications of Fractional Differential Equations

Monday, June 30

16:00-17:00 Enrico Scalas
17:00-17:30 Franz Achleitner
17:30-18:00 Maxim Dolgushev
18:00-18:30 Roberto Garra

Tuesday, July 1

16:00-17:00 József Lőrinczi
17:00-17:30 Agnieszka Jurlewicz
17:30-18:00 Christian Kuehn
18:00-18:30 Noèlia Viles

Organizers: Carlota Cuesta, Gianni Pagnini (gpagnini@bcamath.org).

S19. Mathematics at school: teachers, students, technology and assessment

Wednesday, July 2

16:00-18:00 *Mathematics teachers' professional development* (Chair: Angel Gutiérrez)

Presentation: Ornella Robutti and Angel Gutiérrez

- Ornella Robutti, Ferdinando Arzarello, Rossella Garuti
- Annalisa Cusi, Francesca Martignone, Cristina Sabena
- Gilles Aldon
- Berta Barquero, Marianna Bosch, Fco. Javier García, Josep Gascón

Thursday, July 3

11:00-12:30 *Panel: Theoretical approaches to mathematics education: Analysis of students' problem solving outcomes* (Chair: Angel Gutiérrez)

Presentation: Angel Gutiérrez

- Francesca Morselli
- Teresa Neto, Juan D. Godino
- Michiel Doorman

16:00-18:00 *Technologies for the learning of mathematics* (Chair: Ornella Robutti)

Presentation: Ornella Robutti

- Angel Gutiérrez, Adela Jaime
- Francesca Ferrara, Maria Flavia Mammana
- Elisabetta Robotti, Elisabetta Ferrando

Friday, July 4

11:00-13:30 *Panel: How far can standardized assessments have a formative impact on the teaching and learning of Mathematics? Teachers, students, schools facing national and international assessments* (Chair: Ornella Robutti)

Presentation: Ornella Robutti

- Giorgio Bolondi, Federica Ferretti, Laura Branchetti, Rossella Garuti
- Raquel Mallavibarrena
- Alberto Crescentini, Miriam Salvisberg, Silvia Sbaragli, Giovanna Zanolla

Organizers: Angel Gutiérrez, Ornella Robutti (ornella.robutti@unito.it).

S20. Model Order Reduction and Highly Demanding Applications

Monday, June 30

16:00-16:40 Alessandro Veneziani
16:50-17:30 Enrique Nadal
17:40-18:20 Pedro Díez

Tuesday, July 1

11:00-11:40 Gerard J. Gorman
11:45-12:25 Elie Hachem

16:00-16:40 David González
16:50-17:30 Ettore Lanzarone
17:40-18:20 Simona Perotto

Organizers: Ferdinando Auricchio, Pedro Díez (pedro.diez@upc.edu), Antonio Huerta, Simona Perotto.

S21. Model theory and applications

Wednesday, July 2

16:00-16:55 Frank O. Wagner

17:00-17:30 Daniel Palacín

Thursday, July 3

11:00-11:30 Antongiulio Fornasiero

11:30-12:00 Sonia L'Innocente

12:00-12:30 Vincenzo Mantova

16:00-16:45 Paola D'Aquino

16:45-17:30 Andrés Córdón

17:30-18:00 Giuseppina Terzo

Friday, July 4

11:00-11:55 Françoise Point

12:00-12:30 Elías Baro

Organizers: Enrique Casanovas (ecasanovas@ub.edu), Carlo Toffalori.

S22. Multiobjective Optimization and Variational Problems

Thursday, July 3

11:00-11:20 Monica Milasi
11:20-11:40 Enrico Miglierina
11:40-12:00 Beatriz Hernández-Jiménez
12:00-12:20 Maria Bernadette Donato

16:00-16:20 Elena Molho
16:20-16:40 Monica Bianchi
16:40-17:00 María del Carmen Escribano Ródenas
17:00-17:20 Mariano Luque
17:20-17:40 Gabriel Ruiz-Garzón

Organizers: Monica Milasi (mmilasi@unime.it), Gabriel Ruiz-Garzón.

S23. Nonlinear stationary and evolution partial
differential equations and their applications

Wednesday, July 2

16:00-16:45 Aníbal Rodríguez-Bernal
17:00-17:45 Pier Domenico Lamberti

Thursday, July 3

11:00-11:45 Veronica Felli
16:00-16:45 Gunnar Pruessner
17:00-17:45 José Ignacio Tello

Friday, July 4

11:00-11:45 Diana Stan
12:00-12:45 Peicheng Zhu

Organizers: Carlos Escudero (carlos.escudero@uam.es), Alberto Ferrero.

S24. Number Theory

Monday, June 30

16:00-16:45 Andrea Bandini
16:55-17:40 Andrej Dujella
17:50-18:20 Francesc Fité

Tuesday, July 1

11:00-11:45 Harald Helfgott
16:00-16:45 Stefano Vigni
16:55-17:40 Carlo Viola
17:50-18:20 Xavier Guitart

Wednesday, July 2

11:00-11:30 Marc Masdeu
11:40-12:25 Alessandro Zaccagnini

Organizers: Fernando Chamizo (fernando.chamizo@uam.es), Alberto Perelli.

S25. Operator Algebras and Applications to Quantum Physics

Wednesday, July 2

16:00-16:45 Carlos Palazuelos
16:50-17:20 Juan Manuel Pérez Pardo
17:25-17:55 Ezio Vasselli

Thursday, July 3

11:00-11:45 Gandalf Lechner
11:50-12:20 Pierre Martinetti

16:00-16:45 Giovanni Landi
16:50-17:20 Enrique Pardo
17:25-17:55 Fedele Lizzi

Friday, July 4

11:00-11:45 Francesc Perera
11:50-12:20 Giuseppe Ruzzi
12:25-12:55 Mathilde Perrin
13:00-13:30 Sara Azzali

Organizers: Daniele Guido, Fernando Lledó (fledo@math.uc3m.es),
Gerardo Morsella.

S26. PDE Methods and Challenges in Control and Inverse Problems

Wednesday, July 2

16:00-16:30 Piermarco Cannarsa
16:30-17:00 Karine Beauchard
17:00-17:30 Carlos Castro
17:30-18:00 Dario Prandi

Thursday, July 3

11:00-11:30 Elsa Maria Francini
11:30-12:00 Michel Cristofol
12:00-12:30 Pedro Caro

16:00-16:30 Genni Fragnelli
16:30-17:00 Francisco Periago
17:00-17:30 Elisa Marchini
17:30-18:00 Fabio Priuli

Friday, July 4

11:00-11:30 Luz de Teresa
11:30-12:00 Giuseppe Floridia
12:00-12:30 Diego Araujo de Souza
12:30-13:00 Francesca Bucci
13:00-13:30 *Closing*

Organizers: Francesca Bucci (francesca.bucci@unifi.it), Enrique Fernández-Cara, Manuel González Burgos.

S27. Recent Developments in Commutative Algebra

Wednesday, July 2

16:00-16:40 N.V. Trung
16:50-17:20 Matteo Varbaro
17:30-18:00 Marta Narváez

Thursday, July 3

11:00-11:30 Liana M. Segal
11:30-12:00 Elisa Gorla
12:00-12:30 Bruno Benedetti

16:00-16:40 Claudia Polini
16:50-17:20 Julio Moyano
17:30-18:00 Emanuela De Negri

Friday, July 4

11:00-11:40 Holger Brenner
11:50-12:30 Eduardo Sáenz de Cabezón
12:40-13:20 Santiago Zarzuela

Organizers: Giulio Caviglia, Joan Elias, Philippe Gimenez, Maria Evelina Rossi (rossim@dima.unige.it).

S28. Rings, Modules, Categories and Applications

Wednesday, July 2

16:00-16:20. Agata Smoktunowicz
16:30-16:50 Alexander Zimmermann
17:00-17:20 Plamen Koshlukov
17:30-17:50 Simone Virili

Thursday, July 3

11:00-11:20 Pere Ara
11:30-11:50 Mercedes Siles
12:00-12:20 Lars Christensen

16:00-16:20 Juan Cuadra
16:30-16:50 Ehud Meir
17:00-17:20 Ana Jeremías
17:30-17:50 Alice Pavarin

Friday, July 4

11:00-11:20 Jan Stovicek
11:30-11:50 Alberto Tonolo
12:00-12:20 Sergio Estrada
12:30-12:50 Septimiu Crivei
13:00-13:20 Greg Stevenson

Organizers: Silvana Bazzoni, Ángel del Río, Alberto Facchini, Dolors Herbera (dolors@mat.uab.cat).

S29. Special functions, orthogonal polynomials and applications

Wednesday, July 2

16:00-16:45 Roberto Cavoretto
16:45-17:10 Carlos Álvarez Fernández
17:10-17:35 Mariarosa Mazza
17:35-18:00 María Francisca Pérez Valero

Thursday, July 3

11:00-11:45 Ester Pérez Sinusia
11:45-12:30 Francesco Dell'Accio

16:00-16:40 Vita Leonessa
16:40-17:20 Mirella Cappelletti Montano
17:20-18:00 Edmundo Huertas

Friday, July 4

11:00-11:45 Filomena Di Tommaso
11:45-12:30 Erik Koelink
12:30-12:50 Vanesa Sánchez Canales
12:50-13:10 Gabriele Santin
13:10-13:30 Dario Ramos López

Organizers: Antonio J. Durán (duran@us.es), Francisco Marcellán, Donatella Occorsio, Maria Grazia Russo.

S30. Symplectic geometry and special metrics

Monday, June 30

16:00-16:50 Álvaro Pelayo
17:00-17:30 Daniele Angella
17:30-18.00 Raquel Villacampa

Tuesday, July 1

11:00-11:50 Vicente Muñoz
12:00-12:30 Luigi Vezzoni

16:00-16:50 Andrew Swann
16:50-17:40 Spiro Kariagiannis
17:40-18:30 Stefan Ivanov

Wednesday, July 2

11:00-11:30 Sergey Grigorian
11:30-12:00 Victor Manero
12:00-12:30 Johannes Nordström

Organizers: Diego Conti, Marisa Fernández (marisa.fernandez@ehu.es),
Anna Fino, Luis Ugarte.