Special Sessions — AMS-EMS-SPM Joint International Meeting in Porto, June 10-13, 2015

Session block schedules

Block 1: Wednesday AM: 9:00 to 11:50

Block 3: Thursday AM: 9:00 to 11:50

Block 5: Friday AM: 9:00 to 11:50

Block 7: Saturday AM: 9:00 to 11:50

Block 2: Wednesday PM: 1:00 to 3:20

Block 4: Thursday PM: 1:00 to 3:20

Block 6: Friday PM: 1:00 to 3:20

Block 8: Saturday PM: 1:00 to 3:20

Sess. no.	Sessions and organizers	Email of contact organizer	1	2	3	4	5	6	7	8
#1	**Algebra and Computer Science** Catarina Carvalho, University of Hertfordshire Delaram Kahrobaei, City University of New York	dkahrobaei@gc.cuny.edu			3		5			8
#2	**Algebraic and Categorical Aspects of Hopf Algebras** Christian Lomp, Universidade do Porto Robert Wisbauer, Heinrich Heine Universität Düsseldorf	clomp@fc.up.pt		2			5			8
#3	**Algebraic Combinatorics and Representation Theory** Olga Azenhas, Universidade de Coimbra Cristina Ballantine, College of the Holy Cross	cballant@holycross.edu	1			4				8
#4	**Algebraic Theory of Semigroups and Applications** Alfredo Costa, Universidade de Coimbra António Malheiro, Universidade Nova de Lisboa John C. Meakin, University of Nebraska-Lincoln Ana Moura, Instituto Politécnico do Porto Jean-Éric Pin, Université Paris-Diderot, and CNRS	ajm@fct.unl.pt		2		4	5			8
#5	**Applications of Stochastic Differential Equations** Adeline Samson, Université Joseph Fourier Paula Milheiro-Oliveira, Universidade do Porto	poliv@fe.up.pt				4	5		7	
#6	**Applied Algebraic Topology** Lucile Vandembroucq, Universidade do Minho Thomas Kahl, Universidade do Minho	lucile@math.uminho.pt				4	5		7	
#7	**Categorical Methods in Algebra and Topology** Gonçalo Gutierres da Conceição, Universidade de Coimbra Dirk Hofmann, Universidade de Aveiro	ggutc@mat.uc.pt						6	7	8
#8	**Categorification of Quantum groups, Representations and Knot Invariants** Mikhail Khovanov, Columbia University Marco Mackaay, Universidade do Algarve Pedro Vaz, Université Catholique de Louvain	khovanov@math.columbia.edu	1			4	5		7	
#9	**Clifford Analysis, Dirac Operators, and Operator Theory** Paula Cerejeiras, Universidade de Aveiro Fabrizio Colombo, Politecnico di Milano John Ryan, University of Arkansas	pceres@ua.pt	1				5		7	
#10	**Cluster Evolution Equations: Coagulation, Fragmentation, and Related Systems** Fernando Pestana da Costa, Universidade Aberta, and Universidade de Lisboa Wilson Lamb, University of Strathclyde	fcosta@uab.pt fcosta@math.ist.utl.pt		2	3		5			
#11	**Combinatorics and Geometry of Quantum Algebras** Ken Goodearl, University of California at Santa Barbara Stéphane Launois, University of Kent	S.Launois@kent.ac.uk			3			6	7	
#12	**Commutative Artinian Algebras and Their Deformations** Anthony Iarrobino, Northeastern University Pedro Macias Marques, Universidade de Évora Maria Evelina Rossi, Università degli Studi di Genova	a.iarrobino@neu.edu	1			4			7	
#13	**Commutative Monoids** Manuel Delgado, Universidade do Porto Pedro García-Sánchez, Universidad de Granada	mdelgado@fc.up.pt		2	3				7	
#14	**Complex Dynamics and Foliations** Yulij Il'yashenko, Cornell University, and Independent University of Moscow Julio Rebelo, Université de Toulouse Helena Reis, Universidade do Porto	hreis@fep.up.pt		2	3			6	7	
#15	**Complex Time in Quantum Physics and Geometry** Brian Hall, University of Notre Dame José Mourão, Universidade de Lisboa João P. Nunes, Universidade de Lisboa Alejandro Uribe, University of Michigan	jmourao@math.tecnico.ulisboa.pt		2	3			6	7	
#16	**Contact and Symplectic Topology** Miguel Abreu, Universidade de Lisboa Basak Gurel, University of Central Florida Francisco Presas, Instituto de Ciencias Matemáticas	mabreu@math.ist.utl.pt				4	5	6		8

#17 Convolution Type Operators
Amélia Bastos, Universidade de Lisboa
Alexei Karlovich, Universidade Nova de Lisboa   oyk@fct.unl.pt
Ilya Spitkovsky, College of William and Mary

`4 5   8`

#18 Coupled Cell Dynamics
Manuela Aguiar, Universidade do Porto
Ana Dias, Universidade do Porto   apdias@fc.up.pt
Tiago Pereira, Imperial College London

`2   4   7`

#19 Dynamics and Games
Alberto Pinto, Universidade do Porto   aapinto@fc.up.pt

`2 3`

#20 Enumerative and Combinatorial Methods in Moduli Theory
Alberto López Martín, Instituto Nacional de Matemática Pura e Aplicada   alopez@impa.br
Margarida Melo, Universidade de Coimbra

`3   6   8`

#21 Fractional and Time-scale Analysis
Natália Martins, Universidade de Aveiro
Delfim F. M. Torres, Universidade de Aveiro   delfim@ua.pt

`1   4   6`

#22 Geometric Analysis
André Neves, Imperial College   a.neves@imperial.ac.uk
Rosa Sena-Dias, Universidade de Lisboa

`5 6 7 8`

#23 Geometric Aspects of Harmonic Analysis
Jorge Drumond Silva, Universidade de Lisboa
Diogo Oliveira e Silva, Universität Bonn   dosilva@math.uni-bonn.de
Christoph Thiele, Universität Bonn

`2 3   6 7`

#24 Geometric Spectral Theory
Emily Dryden, Bucknell University   emily.dryden@bucknell.edu
Rosa Sena-Dias, Universidade de Lisboa

`1   3 4`

#25 Geometrical and Enumerative Structures in Supersymmetry
Gabriel Lopes Cardoso, Universidade de Lisboa   gcardoso@math.tecnico.ulisboa.pt
Michele Cirafici, Universidade de Lisboa
Abhijit Gadde, Caltech
Sameer Murthy, King's College London

`1   5   8`

#26 Heteroclinic Cycles and Networks: Stability and Dynamics
Alexandre Rodrigues, Universidade do Porto   alexandre.rodrigues@fc.up.pt
Sofia Castro, Universidade do Porto

`3   5   8`

#27 Higgs Bundles and Character Varieties
Steven Bradlow, University of Illinois at Urbana-Champaign
Carlos Florentino, Universidade de Lisboa
Peter Gothen, Universidade do Porto   pbgothen@fc.up.pt
André Gama Oliveira, Universidade de Trás-os-Montes e Alto Douro

`2 3   5`

#28 Higher Dimensional Algebra in Geometry and Quantum Field Theory
André Henriques, Universiteit Utrecht
João Faria Martins, Universidade Nova de Lisboa
Roger Picken, Universidade de Lisboa   roger.picken@tecnico.ulisboa.pt
James D. Stasheff, University of North Carolina at Chapel Hill

`2   4 5   8`

#29 History and Philosophy of Mathematics
June Barrow-Green, Open University
Luís Saraiva, Universidade de Lisboa
James Tattersall, Providence College   tat@providence.edu
Robin Wilson, London School of Economics

`1   3   5`

#30 Holomorphic Dynamics
Robert L. Devaney, Boston University
Núria Fagella, Universitat de Barcelona   fagella@maia.ub.es
Xavier Jarque, Universitat de Barcelona

`1   4 5   8`

#31 Homogenization and Its Contemporary Stochastic Aspects
Irene Fonseca, Carnegie Mellon University
Luísa Mascarenhas, Universidade Nova de Lisboa   mascar@fct.unl.pt
Rita Ferreira, Universidade de Lisboa, and Universidade Nova de Lisboa

`2 3   6 7`

#32 Homological and Combinatorial Commutative Algebra
Inês B. Henriques, University of Sheffield   i.henriques@sheffield.ac.uk
Lars Winther Christensen, Texas Tech University
Maria Vaz Pinto, Universidade de Lisboa

`2 3   5`

#33 Hyperbolic Conservation Laws and Their Regularization
Nabil Bedjaoui, Université de Picardie Jules Verne
Joaquim M.C. Correia, Universidade de Évora   jmcorreia@uevora.pt
Michael Grinfeld, University of Strathclyde
Y. Mammeri, Université de Picardie Jules Verne
Rafael Sasportes, Universidade Aberta

`1   5   8`

#34 Linear Operators and Function Spaces
M. Cristina Câmara, Universidade de Lisboa   ccamara@math.tecnico.ulisboa.pt
Marek Ptak, University of Agriculture of Krakow
Ilya Spitkovsky, College of William and Mary

`2 3   6 7`

#	Session	Contact	Days
#35	Low Dimensional Topology and Its Relationships with Physics — Louis H. Kauffman, University of Illinois at Chicago; Pedro Lopes, Universidade de Lisboa	pelopes@math.tecnico.ulisboa.pt	3, 6, 7, 8
#36	Mathematical Models for Materials — Gurgen Hayrapetyan, Ohio University; José Matias, Universidade de Lisboa; Marco Morandotti, SISSA	morandot@sissa.it	2, 6, 8
#37	Mathematical Models in Epidemiology — Fabio Chalub, Universidade Nova de Lisboa; Max Souza, Universidade Federal Fluminense; Paula Rodrigues, Universidade Nova de Lisboa	chalub@fct.unl.pt	4, 5, 7
#38	Mathematical Relativity — Filipe Mena, Universidade do Minho; José Natário, Universidade de Lisboa	jnatar@math.ist.utl.pt	1, 3, 6, 8
#39	Mathematics and the Arts — Mike Field, Rice University and Imperial College; Gary Greenfield, University of Richmond; Penousal Machado, Universidade de Coimbra	ggreenfi@richmond.edu	1, 4, 5
#40	New Trends in Automata Groups and Semigroups — Daniele D'Angeli, Technische Universität Graz; Emanuele Rodaro, Universidade do Porto; Dmytro Savchuk, University of South Florida	emanuele.rodaro@fc.up.pt	1, 6, 7
#41	New Trends in Representation Theory — Carlos André, Universidade de Lisboa; Karin Erdmann, University of Oxford; Alexander Kleshchev, University of Oregon; Ana Paula Santana, Universidade de Coimbra	caandre@fc.ul.pt	2, 3, 6, 8
#42	Nonassociative Algebras and Related Topics — Helena Albuquerque, Universidade de Coimbra; Alberto Elduque, Universidad de Zaragoza	lena@mat.uc.pt	2, 4, 5, 7
#43	Nonlinear Elliptic Systems and Applications — Ederson Moreira dos Santos, Universidade de São Paulo; Benedetta Noris, Università degli Studi di Milano-Bicocca; Hugo Tavares, Universidade de Lisboa	htavares@math.ist.utl.pt	1, 3, 6, 7
#44	Nonstandard Analysis and Applications — Imme van den Berg, Universidade de Évora; Luís Gonzaga Albuquerque, Universidade Aberta	ivdb@uevora.pt	2, 4, 6
#45	The Notion of Proof — Alexei Angelides, Stanford University; Jesse Alama, Technical University of Vienna; Reinhard Kahle, Universidade Nova de Lisboa; Gregory Wheeler, University of Munich	kahle@mat.uc.pt	1, 3, 7
#46	Operator Theory and Its Applications — Luís Castro, Universidade de Aveiro; Frank Speck, Universidade de Lisboa	castro@ua.pt	1, 6, 8
#47	Orthogonal Polynomials and Integrable Systems — Ana F. Loureiro, University of Kent; Peter Clarkson, University of Kent; Walter van Assche, University of Leuven	A.Loureiro@kent.ac.uk	2, 6, 8
#48	Partial Differential Equations: Ambitious Mathematics for Real-life Applications — Donatella Donatelli, Università degli Studi dell'Aquila; Chiara Simeoni, Université Nice Sophia-Antipolis	donatella.donatelli@univaq.it	2, 4, 8
#49	Recent Advances in Variable Exponent Spaces and Non-linear Problems — David Cruz-Uribe, Trinity College; Jan Lang, The Ohio State University; Stefan Samko, Universidade do Algarve	david.cruzuribe@trincoll.edu	1, 4, 6
#50	Recurrence, Mixing and Fluctuations: Statistics of Dynamical Systems — Ana Cristina Moreira Freitas, Universidade do Porto; Jorge Milhazes Freitas, Universidade do Porto; Mike Todd, University of St Andrews	mjt20@st-andrews.ac.uk	1, 4, 5, 7
#51	Representation Theory and Quantum Groups — Lars Kadison, Universidade do Porto; Alexander Stolin, Chalmers University of Technology	astolin@chalmers.se	2, 4, 6
#52	Stochastic Numerical Methods for Non-linear Equations — Goncalo dos Reis, University of Edinburgh; Lukasz Szpruch, University of Edinburgh	G.dosReis@ed.ac.uk	1, 3, 8
#53	Vector Bundles on Projective Varieties — Alberto López Martín, Instituto Nacional de Matemática Pura e Aplicada; Rosa María Miro-Róig, Universitat de Barcelona; Helena Soares, Instituto Universitário de Lisboa	helena.soares@iscte.pt	1, 4, 7