

Title	Lecturer	Affiliation	Year
Mathematics Department			
<i>Differentiable manifolds and maps</i>	Barbu Berceanu	IMAR	2001-2002
<i>Homology theory and duality</i>	Stefan Papadima	IMAR	2001-2002
<i>Homotopic theory of CW-complexes</i>	Barbu Berceanu	IMAR	2001-2002
<i>Riemannian surfaces</i>	Cristian Anghel	IMAR	2001-2002
<i>Lectures on analytic number theory</i>	Cristian Cobeli	IMAR	2002-2003
<i>Introduction to operator theory</i>	Aurelian Gheondea	IMAR	2002-2003
<i>Variational calculus on Riemannian manifolds</i>	Liviu Ornea	Univ. Bucuresti IMAR& Univ. Bucuresti	2002-2003
<i>Wavelets and applications</i>	Nicolae Popa	IMAR	2002-2003
<i>Infinite dimensional Lie groups</i>	Daniel Beltita	IMAR	2002-2003
<i>Variational calculus on Riemannian manifolds</i>	Stere Ianus	Univ. Bucuresti Etudes Scientifiques –	2002-2003
<i>Introduction to algebraic K-theory</i>	Christian Soule	Franta	2002-2003
<i>Interpolation theory for linear and non-linear operators</i>	Nicolae Popa	IMAR& Univ. Bucuresti	2003-2004
<i>Modular theory in operator algebras</i>	Serban Stratila	IMAR& Univ. Bucuresti	2003-2004
<i>Introduction to the moduli spaces in complex algebraic geometry</i>	Vasile Brinzanescu	IMAR	2003-2004
<i>Fifty years of homological algebra</i>	Barbu Berceanu	IMAR	2003-2004
<i>Algebra and combinatorics</i>	Dorin Popescu & Cristodor Ionescu	IMAR& Univ. Bucuresti / IMAR Institute of Advances Studies, Princeton, USA	2003-2004
<i>Lectures on harmonic analysis</i>	Camil Muscalu	University of Iowa, USA	2003-2004
<i>Introduction to free probabilities</i>	Florin Radulescu	USA	2003-2004
<i>Algebraic topology in examples</i>	Barbu Berceanu	IMAR	2003-2004
<i>Additive number theory</i>	Alexandru Gica	Univ. Bucuresti	2003-2004
<i>Analysis on manifolds</i>	Serban Stratila	IMAR& Univ. Bucuresti	2003-2004
<i>Chapters of Lie theory</i>	Barbu Berceanu	IMAR	2003-2004
<i>Enriques classification of algebraic surfaces (complex case)</i>	Paltin Ionescu	IMAR& Univ. Bucuresti	2003-2004
<i>Quasiconformal applications, Riemann surfaces and Teichmuler spaces</i>	Miodrag Mateljevic	Univesitatea Belgrad	2003-2004
<i>Moduli spaces of algebraic bundles</i>	Vasile Brinzanescu	IMAR	2004-2005
<i>Introduction to arithmetic geometry</i>	Razvan Litcanu	Univ. Iasi	2004-2005
<i>Lectures on combinatoric and geometric theory of groups</i>	Barbu Berceanu	IMAR	2004-2005
<i>Introduction to Morse theory</i>	Dan Burghelea	Universitatea de Stat Ohio, SUA	2004-2005
<i>Homological methods in commutative algebra</i>	Cristodor Ionescu	IMAR	2004-2005

<i>Classification of abstract and embedded complex projective manifolds</i>	Paltin Ionescu	Univ. Bucuresti	2004-2005
<i>Vector bundles and characteristic classes</i>	Barbu Berceanu	IMAR	2004-2005
<i>Fourier integral operators and the Weyl-Hoermander-Bony calculus</i>	Viorel Iftimie	Univ. Bucuresti	2004-2005
<i>Introduction to several complex variables functions</i>	Cezar Joita	IMAR	2004-2005
<i>Semilinear elliptic equations - Introduction</i>	Petru Mironescu	Universitatea din Lyon, Franta	2004-2005
<i>Fine properties of functions</i>	Laurent Veron	Universitatea din Tours	2004-2005
<i>K-theory and differential operators</i>	Sergiu Moroianu	IMAR	2004-2005
<i>Quantum Hamiltonians: spectral analysis and evolution asymptotics</i>	Radu Purice	IMAR	2005-2006
<i>Non-linear analysis and applications in mathematical physics</i>	Vincentiu Radulescu	Univ. Craiova	2005-2006
<i>Geometry of toric varieties</i>	Marian Aprodu	IMAR	2005-2006
<i>Introduction to symplectic geometry</i>	Liviu Ornea	Univ. Bucuresti	2005-2006
<i>Rational points on elliptic curves</i>	Alexandru Gica	Univ. Bucuresti	2005-2006
<i>Representations theory</i>	Nicolae Manolache	IMAR	2005-2006
<i>K-theory for C*-algebras</i>	Serban Stratila	Univ. Bucuresti	2005-2006
<i>Homological algebras and applications</i>	Cristodor Ionescu	IMAR	2005-2006
<i>Introduction to dynamical systems</i>	Eugen Mihailescu	Univ. Bucuresti	2005-2006
<i>Selected topics from the XIX-th century mathematics. About numbers and figures.</i>	Radu Gologan & Calin Popescu	IMAR & IMAR	2005-2006
<i>Introduction to mathematical analysis: evolution of the main notions from the origins until now.</i>	Nicolae Popa	Univ. Bucuresti	2005-2006
<i>Lie groups and quantum physics</i>	Atle Hahn	Universitatea din Bohn, Germany	2006-2007
<i>Quadratic forms, following Gauss</i>	Alexandru Gica	Univ. Bucuresti	2006-2007
<i>Ergodic theory with applications to dynamics</i>	Eugen Mihailescu	Univ. Bucuresti	2006-2007
<i>Abelian varieties</i>	Nicolae Manolache	IMAR	2006-2007
<i>Homological methods in algebraic geometry</i>	Marian Aprodu	IMAR	2006-2007
<i>Topological degree and fixed point theorems</i>	Gheorghe Dinca	Univ. Bucuresti	2006-2007
<i>General and algebraic topology</i>	Calin Popescu	IMAR	2006-2007
<i>A first course in mathematical analysis</i>	Nicolae Popa	Univ. Bucuresti	2006-2007
<i>Topology of Algebraic Plane Curves</i>	Daniel Matei	IMAR	2006-2007
<i>Teichmueller spaces and mapping class groups</i>	Louis Funar	Université de Grenoble, France	2006-2007
<i>Hyperbolic manifolds in dimensions 2 and 3</i>	Sergiu Moroianu & Jean-Marc Schlenker	IMAR & Institut de Mathématiques, Toulouse France	2006-2007
<i>p-adic Numbers and Equations Over Finite Fields</i>	Tamas Szamuely	Alfréd Rényi Institute of Mathematics, Hungarian Academy of Sciences	2006-2007

<i>Geometry of Toric Varieties</i>	Marian Aprodu	IMAR	2007-2008
<i>Elliptic Curves</i>	Alexandru Gica	Univ. Bucuresti	2007-2008
<i>Topology and dynamics for hyperbolic maps</i>	Eugen Mihailescu	Univ. Bucuresti	2007-2008
<i>Analytic Number Theory</i>	Titus Hilberdink	University of Reading, UK	2007-2008
<i>Complex Partial Differential Equations</i>	Heinrich Begehr	Freie Universitaet Berlin, Germania	2007-2008
<i>Sheaves and Cohomology of Sheaves</i>	Cezar Joita	IMAR	2007-2008
<i>Introduction to Hodge Theory</i>	Daniel Matei	IMAR	2007-2008
<i>Free Probability</i>	Florin Radulescu		2007-2008
<i>Analysis</i>	Nicolae Popa	Univ. Bucuresti	2007-2008
<i>Algebra and Topology</i>	Calin Popescu	IMAR	2007-2008
<i>Geometry of Hilbert Schemes</i>	Marian Aprodu	IMAR	2008-2009
<i>Algebraic Number Theory</i>	Alexandru Gica	Univ. Bucuresti	2008-2009
<i>Differentiable Dynamics</i>	Eugen Mihailescu	Univ. Bucuresti	2008-2009
<i>Fiber Bundles and Characteristic Classes</i>	Daniel Matei	IMAR	2008-2009
<i>An Introduction to the Geometry of Stochastic Flows</i>	Fabrice Baudoin	Purdue University, Indiana, USA	2008-2009
<i>Introduction to Quantum Topology</i>	Dorin Cheptea	IMAR	2008-2009
<i>Introduction to L-functions and Modular Forms</i>	Alexandru Popa & Vicentiu Pasol	IMAR	2008-2009
<i>Evolution Equations: Dissipation and Dispersion</i>	Liviu Ignat	IMAR	2008-2009
<i>Analysis</i>	Nicolae Popa	Univ. Bucuresti	2008-2009
<i>Differential topology</i>	Calin Popescu	IMAR	2008-2009
<i>Tauberian theorems</i>	Serban Stratila	Univ. Bucuresti	2008-2009
<i>Mathematical foundations of algebraic specifications</i>	Razvan Diaconescu	IMAR	2008-2009
<i>Quasi-regular Dirichlet Forms</i>	Lucian Beznea	IMAR	2009-2010
<i>Evolution equations</i>	Liviu Ignat	IMAR	2009-2010
<i>Introduction to birational geometry: classification of algebraic surfaces</i>	Paltin Ionescu	IMAR	2009-2010
<i>Analysis on fractals</i>	Eugen Mihailescu	IMAR	2009-2010
<i>Riemann surfaces</i>	Sergiu Moroianu	IMAR	2009-2010
<i>Topics in Riemannian geometry</i>	Liviu Ornea	Universitatea Bucuresti, IMAR	2009-2010
<i>Wavelets</i>	Nicolae Popa	IMAR	2009-2010
<i>Brownian motion Ito's calculus and stochastic differential equations</i>	Ionel Popescu	IMAR	2009-2010
<i>Introduction to homological algebra</i>	Cristodor Ionescu	IMAR	2009-2010
<i>Several complex variables</i>	Cezar Joita	IMAR	2009-2010
<i>Introduction to algebraic topology</i>	Daniel Matei	IMAR	2009-2010
<i>Introduction to the study of vector bundles</i>	Victor Vuletescu	IMAR	2009-2010

<i>Numerical Methods for Partial Differential Equations</i>	Liviu Ignat	IMAR	2010-2011
<i>Introduction to Algebraic Topology and Sheaf Theory</i>	Victor Vuletescu	Univ. Bucuresti	2010-2011
<i>Introduction to Combinatorial Group Theory</i>	Serban Basarab	IMAR	2010-2011
<i>Representation Theory of Lie Algebras</i>	Alexandru Popa	IMAR	2010-2011
<i>The Arithmetic of Dynamical Systems</i>	Mugurel Barcau, Vicentiu Pasol	IMAR	2010-2011
<i>An Introduction to the Measure-Valued Markov Processes</i>	Lucian Beznea	IMAR	2010-2011
<i>Quadratic Forms and Simple Central Algebras</i>	Philippe Gille	ENS Paris	2010-2011
<i>Computer Algebra</i>	Bogdan Ichim	IMAR	2010-2011
<i>Ergodic Ramsey Theory</i>	Laurentiu Leustean	IMAR	2010-2011
<i>Introduction to Invariants and Moduli.I</i>	Nicolae Manolache	IMAR	2010-2011
<i>Curves and their Jacobians</i>	Aaron Michael Silberstein and Alexandru Popa	Harvard University, IMAR	2010-2011
<i>Topics in Galois and CoGalois Theory</i>	Toma Albu	IMAR	2010-2011
<i>Inverse Scattering Problems for the Schroedinger Equation on the Line</i>	Ingrid Beltita	IMAR	2010-2011
<i>Introduction to Invariants and Moduli.II</i>	Nicolae Manolache	IMAR	2010-2011
<i>Topology of Manifolds</i>	Daniel Matei	IMAR	2010-2011
<i>Introduction to Complex Differential Geometry</i>	Liviu Ornea	U. Bucharest	2010-2011
<i>Banach Spaces of Analytic Functions</i>	Nicolae Popa	IMAR	2010-2011
<i>Applied Functional Analysis and Partial Differential Equations</i>	Vicentiu Radulescu	U. Craiova	2010-2011
<i>Introduction to toric varieties</i>	Florin Ambro	IMAR	2011-2012
<i>Distribution Theory</i>	Ingrid Beltita	IMAR	2011-2012
<i>An introduction to stochastic processes</i>	Lucian Beznea	IMAR	2011-2012
<i>Algebraic Number Theory</i>	Alexandru Gica	Univ Bucuresti	2011-2012
<i>Topics in profinite group theory</i>	Serban Basarab		2011-2012
<i>Iwasawa Theory</i>	Mugurel Barcau, Vicentiu Pasol	IMAR	2011-2012
<i>Unitary representations of Lie groups</i>	Daniel Beltita	IMAR	2011-2012
<i>An Introduction to Combinatorial Commutative Algebra</i>	Jurgen Herzog, Viviana Ene	Univ. Duisburg-Essen, Germania & Univ. Ovidius, Constanta	2011-2012
<i>Basics of Financial Mathematics</i>	Victor Nistor		2011-2012
<i>Random Matrices</i>	Ionel Popescu	IMAR	2011-2012
<i>Spectral Theory and Operator Algebras</i>	Serban Stratila	IMAR & Univ Bucuresti	2011-2012

Informatics Department

<i>Algebraic informatics</i>	Virgil Cazanescu	Univ. Bucuresti	2002-2003
<i>Mathematical foundations of algebraic specifications (I)</i>	Razvan Diaconescu	IMAR	2002-2003
<i>Algebra of software</i>	Virgil Cazanescu	Univ. Bucuresti	2002-2003
<i>Mathematical foundations of algebraic specifications (II)</i>	Razvan Diaconescu	IMAR	2002-2003
<i>Error detecting and correcting codes</i>	Adrian Atanasiu	Univ. Bucuresti	2003-2004
<i>Mathematical foundations of algebraic specifications (I and II)</i>	Razvan Diaconescu	IMAR	2003-2004
<i>Logical programming</i>	Razvan Diaconescu	IMAR	2003-2004
<i>Algebra of software</i>	Virgil Cazanescu	Univ. Bucuresti	2003-2004
<i>Heterogeneous multi-logical specifications</i>	Razvan Diaconescu	IMAR	2003-2004
<i>Research problems in algebraic specifications (I/II)</i>	Razvan Diaconescu	IMAR	2004-2005
<i>Mathematical foundations of algebraic specifications (I and II)</i>	Razvan Diaconescu	IMAR	2004-2005
<i>Methods of formal specification and verification of software</i>	Razvan Diaconescu	IMAR	2004-2005
<i>Algebra of software</i>	Virgil Cazanescu	Univ. Bucuresti	2004-2005
<i>Model theory for specifications and programming</i>	Razvan Diaconescu	IMAR	2005-2006
<i>Abstract rewriting (I and II)</i>	Marc Aiguier	Universitatea Every, Franta	2005-2006
<i>Logical foundations of autonomous reasoning</i>	Alexander Lyaletski	Universitatea Nat. din Kiev, Ucraina	2005-2006
<i>Mathematical foundations of algebraic specifications</i>	Razvan Diaconescu	IMAR	2005-2006
<i>Mathematical foundations of algebraic specifications</i>	Razvan Diaconescu	IMAR	2006-2007
<i>Logic and automata</i>	Radu Iosif	CNRS, Paris	2006-2007
<i>Methods of formal specification and verification of software</i>	Razvan Diaconescu	IMAR	2006-2007
<i>Methods of formal specification and verification of software</i>	Razvan Diaconescu	IMAR	2009-2010
<i>Algorithmic model theory</i>	Dietmar Berwanger	CNRS Grenoble, France	2009-2010
<i>Automata and logic</i>	Radu Iosif & Barbara Jobstmann	CNRS Grenoble, France	2009-2010
<i>Structure of specifications and problems</i>	Razvan Diaconescu	IMAR	2007-2008
<i>Formal verification of software systems</i>	Kokichi Futatsugi, Kazuhiro Ogata, Masaki Nakamura	Japan Advanced Institute for Science and Technology	2007-2008
<i>Algebraic logic</i>	Manuel-Antonio Martins	Universitatea Aveiro, Portugalia	2010-2011
<i>Heterogeneous specifications</i>	Till Mossakowski	Universitatea Bremen, Germania	2010-2011
<i>From algebras to coalgebras; an exercise in duality</i>	Uwe Wolter	Universitatea Bergen, Norvegia	2010-2011

Biochemistry Department

<i>Modern analytical methods in biochemical analysis</i>	Victor David/Andrei Medvedevici	University of Bucharest, Faculty of Chemistry	2008-2009
<i>Molecular modeling and simulation in biochemistry</i>	Andrei Petrescu	Institute of Biochemistry, Romania	2008-2009
<i>Protein chemistry, folding and misfolding</i>	Adrian Apetri	Yale University, Howard Hughes Medical Institute, USA	2008-2009
<i>Bioorganic chemistry</i>	Maja Banks-Koehn	Chemical Biology, EMBL Heidelberg, (Germany)	2008-2009
<i>Molecular modeling and simulation in biochemistry</i>	Andrei Petrescu	Institute of Biochemistry, Romania	2009-2010
<i>Mass spectrometry in biology: principles and utilization in the post-genomic era</i>	Cosmin Săveanu	Institut Pasteur, Paris (Franta)	2009-2010
<i>Recombinant DNA Technology</i>	Ștefan Szedlacsek	Institute of Biochemistry, Romania	2009-2010
<i>Nucleic acids structure; DNA intra and intermolecular transactions</i>	Mihai Ciubotaru	Yale University School of Medicine, (U.S.A.)	2009-2010
<i>Protein chemistry, folding and misfolding</i>	Adrian Apetri	Yale University, Howard Hughes Medical Institute, USA	2009-2010
<i>Design, szntesis and applications of activity-based probes and other molecules for the understanding of complex biochemical systems</i>	Niculina Bogdan	Facultatea de Chimie si Inginerie Chimica, Universitatea "Babes-Bolyai" Cluj-Napoca	2009-2010
<i>Cheminformatics, Molecular Modeling and Drug Design</i>	Cornel Cătană	Merck Serono (EMD Serono), Boston, MA (U.S.A.)	2009-2010
<i>Structural Biology</i>	Mihnea Boștină	McGill University, Montreal, (Canada)	2009-2010
<i>Mass spectrometry in biology: principles and use in post-genomic era</i>	Cosmin Saveanu	Institut Pasteur, Paris (Franta)	2010-2011
<i>Molecular modeling and simulation in biochemistry</i>	Andrei Petrescu	Institute of Biochemistry, Romania	2010-2011
<i>Recombinant DNA Technology</i>	Stefan Szedlacsek	Institute of Biochemistry, Romania	2010-2011
<i>Protein-nucleic acid interactions and their role in directing cellular processes</i>	Mihai Ciubotaru	Yale University School of Medicine (U.S.A.)	2010-2011

Design, synthesis and applications of activity-based probes and other molecules for the understanding of complex biochemical systems	Niculina Bogdan	Facultatea de Chimie si Inginerie Chimica, Universitatea "Babes-Bolyai" Cluj-Napoca	2010-2011
Protein Chemistry, Folding and Misfolding	Adrian C. Apetri	Yale University, Howard Hughes Medical Institute, USA	2010-2011
<i>Cheminformatics, Molecular Modeling & Drug Design</i>	Cornel Catana	Discovery Informatics, Galapagos, Mechelen, Belgium	2010-2011
<i>Structural Biology</i>	Mihnea Bostina	McGill University, Montreal, (Canada)	2010-2011
<i>Mass spectrometry in biology: principles and use in post-genomic era</i>	Alina Zamfir	"Aurel Vlaicu" University of Arad, (Romania)	2011-2012
<i>Molecular modeling and simulation in biochemistry</i>	Andrei Petrescu	Institute of Biochemistry, Romania	2011-2012
<i>Recombinant DNA Technology</i>	Stefan Szedlacsek	Institute of Biochemistry, Romania	2011-2012
<i>Protein-nucleic acid interactions and their role in directing cellular processes</i>	Mihai Ciubotaru	Yale University School of Medicine (U.S.A.)	2011-2012
Bioorganic chemistry	Maja Banks-Koehn	Chemical Biology, EMBL Heidelberg, (Germany)	2011-2012
Protein Chemistry, Folding and Misfolding	Adrian C. Apetri	Yale University, Howard Hughes Medical Institute, USA	2011-2012
<i>Cheminformatics, Molecular Modeling & Drug Design</i>	Cornel Catana	Discovery Informatics, Galapagos, Mechelen, Belgium	2011-2012
<i>Structural Biology</i>	Mihnea Bostina	McGill University, Montreal, (Canada)	2011-2012

