



Distinguished Lecture Series



Yelena Yesha, Ph.D., Professor Dept. Radiology, University of Miami, November 13, 2023 at 5:00 pm

Daniel Diaz, Ph.D., Research Assistant Professor, Public Health Sciences, Biostatistics, University of Miami, November 16, 2023 at 5:30 pm



Tony Pantev, Ph.D., Professor, University of Pennsylvania, November 20, 2023 at 5:00 pm at ICMS-Sofia

Nigel Hitchin, Ph.D., Professor Emeritus, University of Oxford, December 8, 2023



Karen Uhlenbeck, Ph.D., Professor Emeritus, University of Texas at Austin, December 12 & 14, 2023 at 3:00 pm

Yisrael Aumann, Ph.D., Professor at the Center for the Study of Rationality in the Hebrew University of Jerusalem in Israel, February 4, 2024 at 10:30 am



Andrei Okounkov, Ph.D., Professor, Columbia University, February 8 & 9, 2024 at 4:00 pm

Ian Hambleton, Ph.D., Dr. F. Ronald and Helen E. Britton Professor of Mathematics at McMaster University, October 2 & 3 at 5:00 pm



Mathematical Waves, Miami and Prizes January 22-25, 2024

IMSA Prize: Celebrating Excellence in Latin American Mathematics January 24, 2024



- ## **SEMESTER EMPHASIS**
- **IMSA & TYAN/SBM joint Event: Tyan-Humboldt Workshop in Mathematics, Oct. 2-6, 2023**
 - **R. Friedman Reading Seminar, Sept. 29 - Nov. 17, 2023**
 - **Motives in Generalized Geometry Conference, Nov. 13-16, 2023**
 - **General Geometries and Gauge Theory, Dec. 11-16, 2023**
 - **Conference: Mathematical Waves, Jan. 22-25, 2024**
 - **Conference: Homological Mirror Symmetry, Jan. 26-28, 2024**
 - **Conference: Workshop on Combinatorial Geometry, Jan. 29-31, 2024**
 - **Conference: Geometry of the South, Feb. 8-10, 2024**
 - **Conference: Mathematics of the Hemisphere, Feb. 21-22, 2024**
 - **Conference: Mathematical Aspects of Topological Insulators, Apr. 15-18, 2024**
 - **CMAT & IMSA Joint Event: Enhancing Mathematical Bridges between Spain and Latin America, Apr. 24, 2024**



Special Lecture Series - Summer 2024

Ernesto Lupercio, Ph.D., Professor, CINVESTAV
Jun. 28 & Jul. 1, 2024 at 4:30 pm in UB528B

**Ernesto Lupercio, Ph.D., Professor, CINVESTAV &
Enrique Becerra, Ph.D., Research Assistant
Professor, University of Miami,**
June 24, 25 & 26, 2024 at 4:30 pm in UB528B



Conference: AI and Pure Mathematics, June 24-28, 2024, UB528B

*Distinguished Speakers: **Carlos Simpson**, Universite de Nice, **Ben Kirtman**, University of Miami, **Gita Kutyniok**, LMU Munchen, **Soledad Villar**, John Hopkins University, **Sergei Gukov**, Cal Tech, **Radmila Sazdanovich**, NC State University, **Daniel Bennequin**, Paris Diderot University, **Florentin Guth**, New York University and **Timothy Gowers**, University of Cambridge.*

IMSAC Days in Sofia

Aug. 8-10, 2024

Invited Speakers:

Yuri Tschinkel, Courant Institute at New York University, **Phillip Griffiths**, IAS and University of Miami, **Oscar Garcia-Prada**, Instituto de Ciencias Matematicas, ICMAT, Madrid, **Jaqueline Mesquita**, University of Brasilia, **Ernesto Lupercio**, Cinvestav, **Leonardo Cavenaghi**, University of Campinas, Brazil, **Anna Maria Fino**, University of Torina, Italy and FIU, **Yong-Geun Oh**, IBS Center for Geometry and Physics, South Korea, **Rodolfo Aguilar**, University of Miami, **Misha Shkolnikov**, Institute of Mathematics and Informatics, Bulgaria, **Vladimire Mitankin**, Institute of Mathematics and Informatics, Bulgaria

ICMS and IMSA Joint Event: Integrability, Q-systems and Cluster Algebras

August 11-18, 2024

Organizers:

Ivan Todorov, Ivan Kostov, Valentina Petkova, Vesselin Filev, Todor Popov, Radoslav Rashkov, Neli Stoilova and Tzvetan Vetzov

and

ICMS and IMSA Joint Event: Complex Geometry at Large

August 12-16, 2025

*Organizers: **Oscar Garcia-Prada**, Instituto de Ciencias Matematicas-ICMAT, Madrid, **Ernesto Lupercio**, Cinvestav, Mexico, **Tony Pantev**, University of Pennsylvania, **Ugo Bruzzo**, SISSA, Trieste & Universidade Federal da Paraiba, Joao Pessoa, Brazil, **Velichka Milousheva**, IMI-BAS **Peter Dalakov**, IMI-BAS & American University of Bulgaria.*



Short Courses and Seminars Fall 2023

Ludmil Katzarkov, Ph.D., Professor, University of Miami,
Milnor Spheres - 60 Years Later

Oct. 27, 2023

and

Further Invariants

Sept. 26, 2023

Kaiqi Yang, Ph.D., Research Assistant Professor, University of Miami,
Birational Invariants for sing Fano over algebraically
non-closed fields

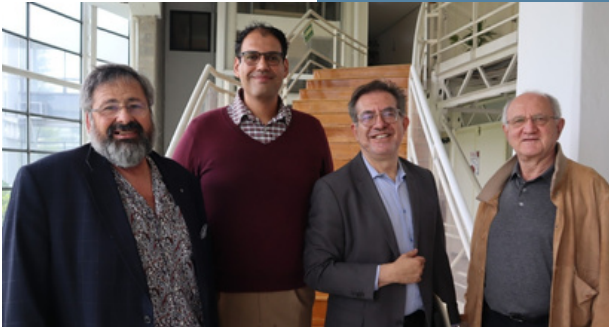
Sept. 26, 2023



1st Jose Adem Prize for Mathematics Research in Mexico

Award Ceremony on September 2, 2024

AMC-IMSA Jose Adem Prize for Mathematical
Research in Mexico
September 2-3, 2024





Upcoming Events

2024

Monthly Lecture Series - On the Geometry of the Cotangent Bundle and Hyperbolicity,

Oct. 24, 2024, UB528B, (To be continued on a monthly basis)

Organizers: **Damian Brotbek** (Universite de Lorraine, **Bruno De Oliveira**, University of Miami, **Natalia Garcia-Fritz**, Pontificia Universidad Catolica de Chile, **Steven Lu**, Universite du Quebec a Montreal, **Jorge Vitorio Pereira**, IMPA.

- Conference: Characteristic Classes of Singular Varieties and Their Applications, November 3-9, 2024 - Organizer: **Jose Seade**
- Conference: Singularities and Geometric Structures, November 10-16, 2024 - Organizer: **Javier Fernandez de Bodilla**
- Conference: Recent Advances in Mirror Symmetry and Degenerations, November 17-23, 2024 - Organizer: **Helge Ruddat**
- Conference: Workshop on Differential Equations and Mathematical Biology November 23-25, 2024 - Organizer: **Xi Huo**

2025

- **Conference: Topological Modular Forms and Birational Invariants, January 21-27, 2025**
- **Conference and Prizes: Miami Mathematical Waves, January 27-30, 2025**
- **Mathematical Waves Prize Presentation, January 29, 2025**
- **McKnight-Zame Distinguished Lecture Series, January 30, 2025**
- **Conference: Homological Mirror Symmetry, January 30-February 2, 2025**
- **Conference: Differential Equations, February 11-15, 2025**
- **Conference: Homotopy Methods in Non-rationality, March 20-24, 2025**
- **Conference: Hodge Theory, March 24-28, 2025**
- **Conference: Topological States of Matter, April 1-4, 2025**
- **ICMAT& IMSA Joint Event: Differential and Stability Conditions, April 21-25, 2025**
- **Conference: Integrable Systems, May 6-7, 2025**