

PAST EVENTS

SHORT COURSES
AND
SEMINARS

Dr. Enrique Becerra
Cinvestav, Mexico
June 2025
University of Miami

SUMMER CONFERENCES

- **IMSA & ICMS Joint Event**
Celebrating the
Consortium IMSAC
August 7-9, 2026
Bulgaria
- **ICMS & IMSA Joint Event:**
Geometry at Large
August 11-14, 2025
Bulgaria
- **ICMS & IMSA Joint Event:**
New Developments on
Arnold's conjecture
August 16-17, 2025,
Bulgaria

FALL 2025

- **IMSA & ICMS Joint Event**
Workshop in Algebraic
Geometry and Physics
2025: Geometry and
Physics of Higgs moduli
September 1-5, 2025
Bulgaria
- **Conference: New**
Developments in
Singularity Theory Conf.
November 10-14, 2025
University of Miami
- **IMSA & ICMS Joint Event:**
Recent developments in
modern Hodge Theory
December 5-12, 2025
Bulgaria



IN THE NEWS

STRING THEORY INSPIRES A BRILLIANT,
BAFFLING NEW MATH PROOF

The real story: importing physics into pure math. What makes this proof remarkable is how it works. It is brilliant because it introduces genuinely new concepts (like breaking geometric structures into atoms). It may unlock many previously inaccessible problems. It revives a stagnant area of research. It is baffling because the technique are so foreign that even experts say it feels like black magic. The people who understand the problem don't understand the tools.

For more information visit:

<https://www.quantamagazine.org/string-theory-inspires-a-brilliant-baffling-new-math-proof-20251212/>

WINTER 2026 EVENTS

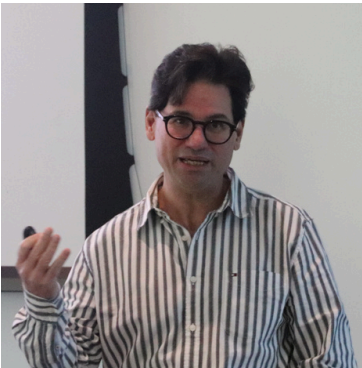
- **IMSA SPONSOR: VBAC 2026 CONFERENCE IN MEXICO - 1-19 TO 1-23-26**
- **SHORT COURSE: TOWARDS MIXED ATOMS - UM - 1-25-26**



- **NEW MIAMI MATHEMATICAL WAVES, CONFERENCE & PRIZES - UM 1-26-26 TO 1-28-26**



CONTINUED: NEW MIAMI MATHEMATICAL WAVES, CONFERENCE AND PRIZES -
UM 1-26-26 TO 1-28-26

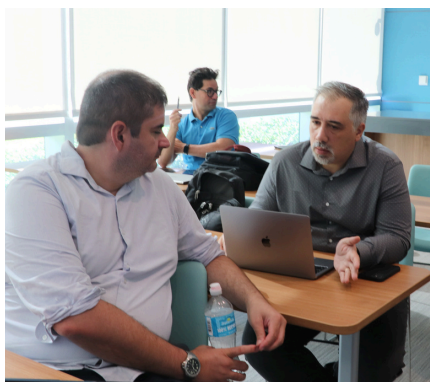


SIM NS
FOUNDATION



CONTINUED: NW MIAMI MATHEMATICAL WAVES, CONFERENCE AND PRIZES - UM 1-26-26 TO 1-28-26

SIM NS
FOUNDATION



Waves Prizes 2026



IMSA Leadership Award presented to Dr. Alicia Dickenstein by Dr. Maxim Kontsevich



IMSA Established Mathematician Award presented to Dr. Guillermo Cortinas by Dr. Maxim Kontsevich



IMSA Young Mathematician Award presented to Dr. Federico Castillo Castillo by Dr. Maxim Kontsevich



Dr. Jaqueline Mesquita accepted the IMSA Young Female Mathematician Award on behalf of Dr. Luna Lomonaco. A photo of Dr. Lomonaco on the right.



A group photo from left to Right: Dr. J. Mesquita, Dr. G. Cortinas, Dr. F. Castillo Castillo, Dr. A. Dickenstein and Dr. M. Kontsevich.



Dr. Federico Castillo Castillo

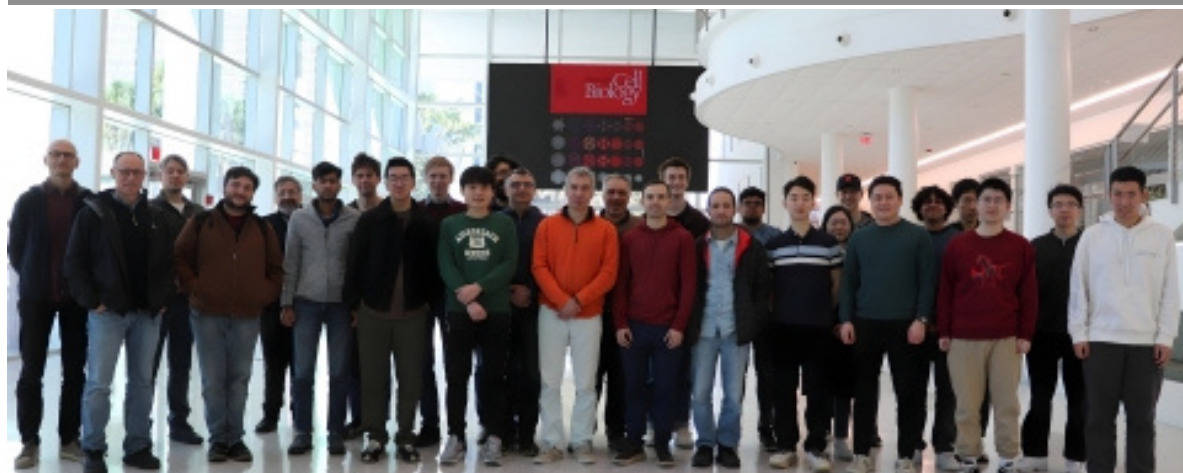
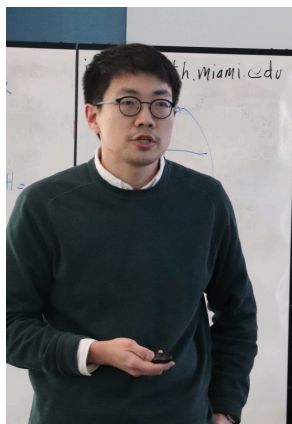


Dr. Alicia Dickstein



Dr. Guillermo Cortinas

• CONFERENCE: HOMOLOGICAL MIRROR SYMMETRY - UM 1-29-26 TO 2-2-26



CONTINUED - CONFERENCE: HOMOLOGICAL MIRROR SYMMETRY 1-29-26 TO 2-2-26



• POST CONFERENCE - UM 2-2-2026



Dr. Enrique Becerra, CINVESTAV



Dr. Kyoung-Seog Lee, POSTECH



Dr. Ernesto Lupercio, CINVESTAV



Dr. Leonardo Cavenaghi, ICMS-BAS



Dr. Lino Grama, CAMPINAS



Dr. Richard Paul Horja, IMSA

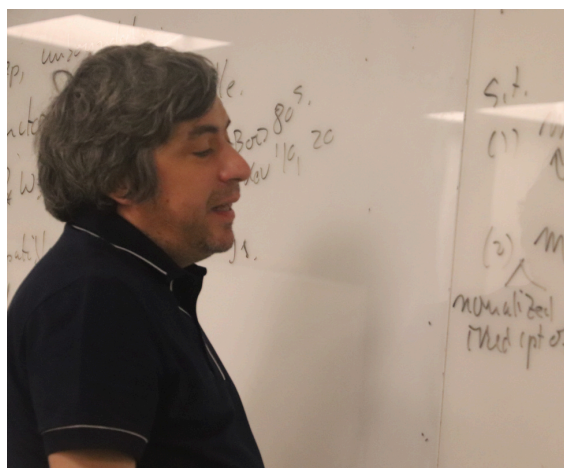


Dr. Ludmil Katzarkov, IMSA



Mathematical Legends Symposium

• **ICMS & IMSA JOINT CONFERENCE: SPENCER FEST - UM 3-23-26 TO 3-27-26**



- 1** IMSA & ICMS JOINT EVENT: ATOMS, HODGE THEORY AND MMP - BULGARIA 4-1-26 TO 4-4-26
- 2** CONFERENCE: MATHEMATICAL ASPECTS OF TOPOLOGICAL INSULATORS “BULK-DEFECT” AND “BULK-BOUNDARY” CORRESPONDENCES - UM 4-22-26 TO 4-24-26
- 3** RECENT DEVELOPMENTS ON EQUIVARIANT BIRATIONAL GEOMETRY - UM 5-2-26 TO 5-3-26
- 4** INTL CONFERENCE: HODGE THEORY, BIRATIONAL GEOMETRY & ATOMS - UM 5-4-26 TO 5-8-26, UNICAMP, BRAZIL 5-10-26 TO 5-13-26 AND IMPA, BRAZIL 5-14-26 TO 5-16-26
- 5** PAN-AMERICAN SCHOOL IN COMMUTATIVE ALGEBRA - BRAZIL 5-18-26 TO 5-29-26
- 6** 5TH INTERNATIONAL ICMAT CONFERENCE ON DYNAMICS OF DIFFERENTIAL EQUATIONS - SPAIN 5-25-26 TO 5-29-26
- 7** ALGEBRAIC STRUCTURES IN TOPOLOGY - PUERTO RICO 7-23-26 TO 7-30-26
- 8** $(WM)^2$, THE WORLD MEETING FOR WOMEN IN MATHEMATICS, PHILADELPHIA 7-22-2026
- 9** MEETING OF THE CONSORTIUM - SOFIA 8-4-26 TO 8-8-26
- 10** ICMS & IMSA EVENTS - BULGARIA 8-4-26 TO 8-21-26
- 11** GEOMETRY IN LARGE - BURGAS 8-10-26 TO 8-14-26
- 12** TROPICAL GEOMETRY - BOROVETS 8-17-26 TO 8-21-26
- 13** TRENDS IN DIFFERENTIAL & COMPLEX GEOMETRY: A CELEBRATION OF NIGEL HITCHINS 80TH BIRTHDAY - ENGLAND 8-31-26 TO 9-4-26
- 14** REGULATORS, LOG-GEOMETRY AND LOG CLEMENS CONJECTURES - MEXICO 9-21-26 TO 9-25-26
- 15** SINGULARITIES - UM 11-2-26 TO 11-6-26
- 16** ADEM PRIZE - MEXICO NOVEMBER 30 - DECEMBER 2, 2026

- 17** PUERTO ESCONDIDO CONFERENCE - MEXICO 12-3-26 TO 12-6-26
- 18** ATOMS AND HODGE THEORY - SOFIA 12-7-26 TO 12-12-26
- 19** MIAMI WAVES CONFERENCE AND PRIZES - UM 1-25-27 TO 1-26-27
- 20** HOMOLOGICAL MIRROR SYMMETRY - UM 1-27-27 TO 1-30-27
- 21** SYMPLECTIC GEOMETRY OF THE CONSORTIUM - BURGAS AUGUST 2027
- 22** SINGULARITIES - UM 11-2-27 TO 11-6-27
- 23** JOSEPH MONTAGUE LANDSBERG CONFERENCE - UM NOVEMBER 2027
- 24** ATOMS AND HODGE THEORY - BULGARIA 12-6-27 TO 12-13-27



We are a research institute dedicated to advancing mathematical knowledge and fostering interdisciplinary collaboration across theory and application.

Generously supported by the Simons Foundation,
National Science Foundation,
Dr. Jeffry Fuqua
and the University of Miami