

Who we are?

The Instituto de Ciencias Matemáticas (ICMAT – Institute of Mathematical Sciences) is a joint research institute belonging to the Consejo Superior de Investigaciones Científicas-CSIC (Spanish National Research Council) and three Madrid universities: the Universidad Autónoma de Madrid, the Universidad Carlos III de Madrid, and the Universidad Complutense de Madrid.

Its internationally recognized researchers, the intense flow of visitors who take part in the pre- and post-doctoral training, congresses and international events organized by the institute make the ICMAT a leading center in mathematical research at an international level.

In 2011 the ICMAT obtained accreditation for the Severo Ochoa Program, which is aimed at identifying the best Spanish research institutes in their fields. The scientific excellence research developed at ICMAT is demonstrated, among other things, by the eight European Research Council (ERC) Projects granted to ICMAT researchers.

The ICMAT is part of the Spanish Network for Mathematics & Industry (Math-in), focused on transferring mathematical knowledge to

How can ICMAT contribute to your business?

The ICMAT works actively to transfer mathematical knowledge to society and industry. The science of excellence conducted by our researchers provides first-class innovative knowledge that can be translated into solutions for companies, industries and public governments.

The institute addresses projects that require a complex mathematical solution, defining objectives in close collaboration with companies in the strictest confidentiality. Its researchers are specialized in very specific areas of mathematics, from harmonic analyses and differential equations to stochastic processes or number theory. Thanks to the collaborative network of the ICMAT, multidisciplinary projects can also be managed with the assistance of experts in computing science, engineering, physics, etc



Excellence in Mathematical Research

ICMAT researchers enjoy wide international recognition as attested by the projects and prizes awarded to the center.

- ERC Grants: Diego Córdoba (2008), F. Javier Fernández de Bobadilla (2008, 2014), Javier Parcet (2010), Keith Rogers (2011), Daniel Faraco (2012), Daniel Peralta (2014), José M. Martell (2014).
- National Research Prize "Julio Rey Pastor" 2011: Antonio Córdoba.
- Madrid Community Prize "Miguel Catalán" 2011: Diego Córdoba.
- "Jose Luis Rubio de Francia" Prize awarded by the RSME: Javier Parcet (2006), Francisco Gancedo (2008), Álvaro Pelayo (2009), Alberto Enciso (2011) y María Pe (2012).
- SEMA Prize: Marco Fontelos (2004), Diego Córdoba (2005), Jorge Cortés (2006), Alberto Enciso (2013).



Main sectors for collaboration

ICMAT can offer mathematical innovation in the following areas:

- Energy and Environment
- Health and Medicine
- Agriculture and Natural Resources
- Fluid Mechanics
- Communication and Information Technologies
- Transport and Logistics
- Economy and Finances

Adaptation to the company

Collaboration with the business sector can adopt different formats, depending on the needs of each client:

- Consultancy and Scientific Assessment
- Collaboration in Horizon2020 Projects
- Development of R&D Projects
- On-demand Training Courses



2

STAFF

The ICMAT Transfer Office is staffed by specialists in the management of technology transfer and the commercialization of R&D results. It constitutes a bridge between companies and researchers and is in contact with both parties throughout the process, thereby ensuring optimization of results.

Contact

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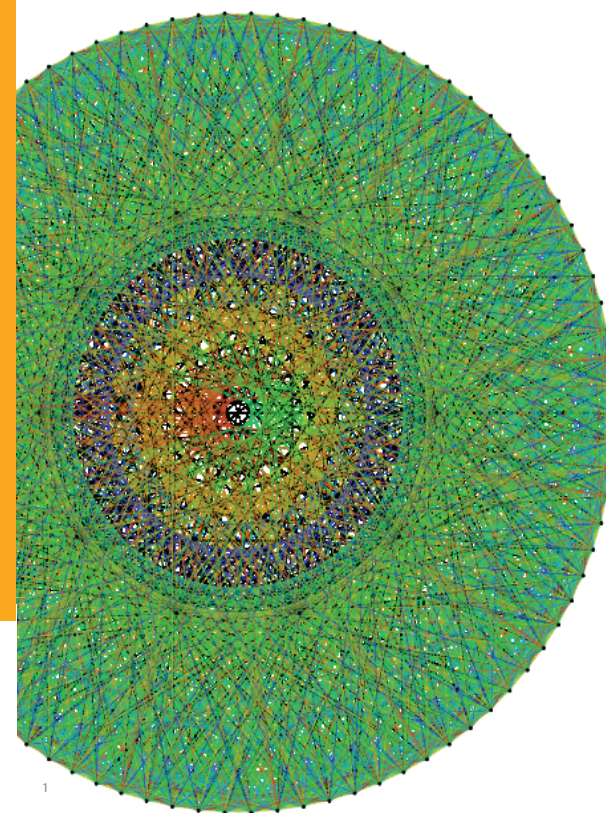


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Mathematical Knowledge Transfer

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