



Monday, July 15<sup>th</sup>, Palacio de Congresos of Valencia

## King Felipe VI will inaugurate the International Congress of Industrial and Applied Mathematics

- It is the world's largest congress in its specialty. Celebrated every four years in a place chosen by an international mathematical committee, 4,000 mathematicians from around the world will participate in the ICIAM2019.
- At 12:15 p.m. on Monday July 15<sup>th</sup>, a press conference will take place with the heads of the organization and some of the most outstanding speakers of the congress.

### **PRESS CONFERENCE**

**WHERE:** Palacio de Congresos  
Avinguda de les Corts Valencianes 60. València.

**WHEN:** Monday 15<sup>th</sup> of July at 12

**NOTE:** Journalists wishing to cover the opening ceremony must ask for registration by sending their full name, ID or passport and date of birth to [ICIAM2019@divulga.es](mailto:ICIAM2019@divulga.es)

**Valencia July 10<sup>th</sup> of 2019.** On Monday July 15<sup>th</sup> King Felipe VI will preside over the inauguration of the International Congress on Industrial and Applied Mathematics (ICIAM2019), in Valencia,

the largest global event in its specialty, which will host almost 4,000 participants from hundred countries. During the opening ceremony the five most important awards in this field will also be given, all of which deal with the application of mathematics in areas such as medicine, the environment, technology and the financial world, amongst others.

Among other authorities, the Minister of Science, Innovation and Acting University, Pedro Duque; the president of the Generalitat Valenciana, Ximo Puig; and the mayor of Valencia, Joan Ribó will also be present at the opening ceremony.

In the **press conference** will participate:

- **Tomás Chacón**, Full Professor at the University of Seville and president of the Organizing Committee of ICIAM2019, who will explain the situation of applied mathematics in Spain.
- **María J. Esteban**, Director of Research at the French CNRS and President of the International Council of Industrial and Applied Mathematics (ICIAM), who will speak about this organization and the importance of applied mathematics.
- **Alfio Quarteroni**, Director of the Chair of Modeling and Computing at the Federal Polytechnic University of Lausanne (Switzerland), President of the ICIAM2019 Scientific Committee and main investigator of the European project iHEART, to simulate the human heart.
- **Alfredo Bermúdez de Castro**, Full Professor at the University of Santiago de Compostela, pioneer in the development of applied mathematics in Spain and invited speaker (Wednesday 17th, "Some case studies in environmental and industrial mathematics").
- **Marsha Berger**, Researcher at the Department of Computational Science of the Courant Institute of Mathematical Sciences at the University of New York and guest speaker (Wednesday 17th, "Progress in Modeling of Asteroid-Generated Tsunamis").

Over its five days (Monday, July 15th to Friday, July 19th), the ICIAM2019 will hold 27 lectures given by guest speakers, selected by an international scientific committee, who will present their applied mathematics work in different areas. There will also be some special talks, including one by the Spaniard Víctor Manuel Pérez García, Director of the Laboratory of Mathematical Oncology at the University of Castilla-La Mancha, on cancer and mathematics, on Thursday July 18th at the Palau de les Arts, which will be open to the general public.

Finally, five conferences by the winners of the prizes to explain their work will also take place :

- **ICIAM Collatz Award**, for scientists under 42 years old, which will receive **Siddhartha Mishra**, from the Federal Polytechnic School of Zurich (Switzerland).
- **ICIAM Lagrange Award**, for authors of exceptional contributions throughout their career,

awarded to **George Papanicolaou**, from Stanford University (USA).

- **ICIAM Maxwell Award**, for mathematicians who have demonstrated originality in the field of applied mathematics, whose winner is **Claude Bardos**, of the Paris Denis Diderot University (France).
- **ICIAM Pioneer Award**, for pioneering developments in mathematical methods applied to a new field or an industrial problem, awarded to **Yvon Maday**, of the Sorbonne University (France).
- **ICIAM Su Buchin Award**, for promoters of applied mathematics in developing countries, which recognize the work of **Giulia Di Nunno**, from the University of Oslo (Norway).

The ICIAM takes place every four years and this is the first time the event is held in Spain (and southern Europe). The candidacy was presented by the Spanish Society of Applied Mathematics (SEMA) and was selected by the Executive Council of ICIAM in Beijing (China) in 2013.

The celebration of the International Congress of Industrial and Applied Mathematics 2019 in Valencia has been possible thanks to the sponsorship of many institutions, amongst them the **Ministry of Science, Innovation and Universities**; the **Foundation of the Valencian Community for the Promotion of Higher Studies (FFES)**; the **Diputació de València**; the **City Council of Valencia**; the **University of Valencia**; and **Banco Santander**.

**More information:**

<https://iciam2019.org/>

**Press contact:**

Divulga

Ignacio Fernández Bayo

[ibayo@divulga.es](mailto:ibayo@divulga.es)

610 908 224