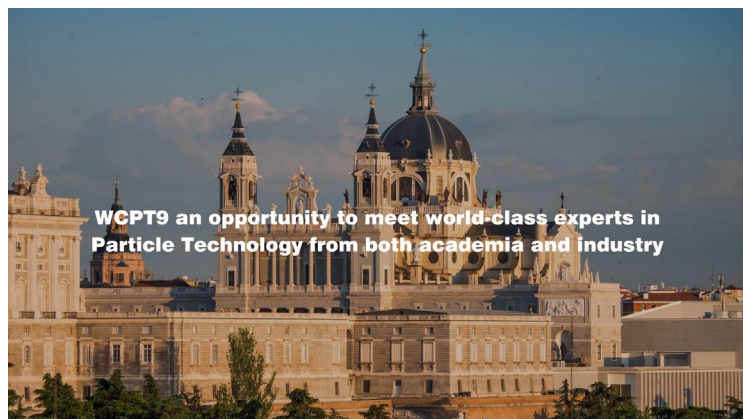


WORLD CONGRESS ON PARTICLE TECHNOLOGY (WCPT9)

Exploring Beyond the Limits

The 9th World Congress on Particle Technology (WCPT9) will be held in September 18-22, 2022, in Madrid (Spain) as a face-to-face event. WCPT9 is the world's most influential event for the particle and bulk technology community under the auspices of the World Assembly of Particle Technology, representing main societies and federations around the world. It's where world-leading researchers and companies share the latest thought leadership about the progression and future of particle technology. And it's the best place for networking opportunities with your colleagues to share mutual professional goals.



It happens every time. You arrive in WCPT and think “What a great atmosphere!” there's something in the air, an energy that invigorates you and fills you with positive emotions sharing your knowledge with your colleagues. Together, **face-to-face**, we will shape the future of particle technology. It's time to reconnect, meet again, enjoy networking with your colleagues in a **safe environment** discovering a unique way of living in Madrid.

Particle technology has significantly contributed since many years ago **to achieve a better life**, providing solutions not only to improve industrial processes (chemical, pharmaceutical, food production, mining, energy, ...) but also to protect our environment and to provide us better health, in summary pave the way for a more sustainable development of our society.

The **scientific program** outlined **covers** the most relevant topics nowadays for industry and our society. WCPT9 **main topics** are:

- Particulate solids handling
- Particle and particulate systems characterization
- Particle processing
- Particle-fluid systems: fluidization and multi-phase flow
- Particle formation and design
- Particle separation
- Aerosol particles
- Nanoparticles: production, characterization, and applications
- Modelling and simulation
- Science, Technology, Engineering and Design in particle-based materials and products.

Crystals **Food powders**
Agglomerates **Charged particles**
Aggregates **Atomized particles**
Fly ash **Metal powders** **Pellets** **Grains**
Composites **PM2.5** **Bulk solids**
Granules **Dust** **Healing particles**
Powders **Emulsion drops** **Nanoparticles**
Recycled particles **Aerosols** **Microplastics**
Colloidal nanoparticles **Microgel particles**
Particle emissions **Biomass** **Microcapsules**
Biomolecule-based particles **Quantum dots**
Micro-particles **Fluidized bed particles**
Particle-based materials and products
Pharmaceutical tablets ...

Beyond these main topics, **Joint Events (JE)** will be also organized in engineering, scientific or technically related fields, where particle technology is present. Three WCPT9-JE have been already confirmed:

- Challenges of microplastics: analysis and control.
- III ANQUE-DECHEMA Leading edge conference “Particle Technology. Shaping the future”.
- Multidimensional particle properties: characterization, separation, and application.

WCPT9



As in previous editions WCPT9 aims to receive **contributions from all around the world**. WCPT9 aims to count with 8 plenaries, 50 keynotes, around 200 oral presentations, 150 flash oral presentations and 200 poster communications covering a wide range of areas related to particle



technology. Under the theme **“Exploring beyond limits”**, WCPT9 aims to engage the whole community on particle technology in the different continents and their countries through an outreach and promotion program specifically designed for this purpose.

We are already receiving the first Abstracts, **do not miss the opportunity to send us yours!** You will find all the details to prepare your abstract and the information related to the evaluation in the following link:

[CALL FOR ABSTRACTS](#)

The deadline for abstract submission is 1 March 2022!!

We **welcome sponsors and exhibitors** to be part of this great event with world-wide impact that continues regularly being celebrated every four years for over a quarter of a century. A **guide with different opportunities for sponsorship and exhibitors** can be found [here](#).

The **website** will be updated constantly with information provided from organizers and participants, so please be aware of the notifications regarding WCPT9 at: <https://wcpt9.org/>

If life were a city, it would be Madrid. If your interest is particle technology WCPT9 is the conference to participate in, **what else?**

The organizers of WCPT9 look forward to welcoming you in Madrid 2022 with renewed optimism and ambition, in September 18-22, 2022. **JOIN US!!**

Carlos Negro, *Congress Chair*

Hermann J. Feise, *International Advisory Committee Chair*

Álvaro Ramírez-Gómez, *Scientific Committee Chair*

Ernesto Castañeda *Organizing Committee Chair*

