

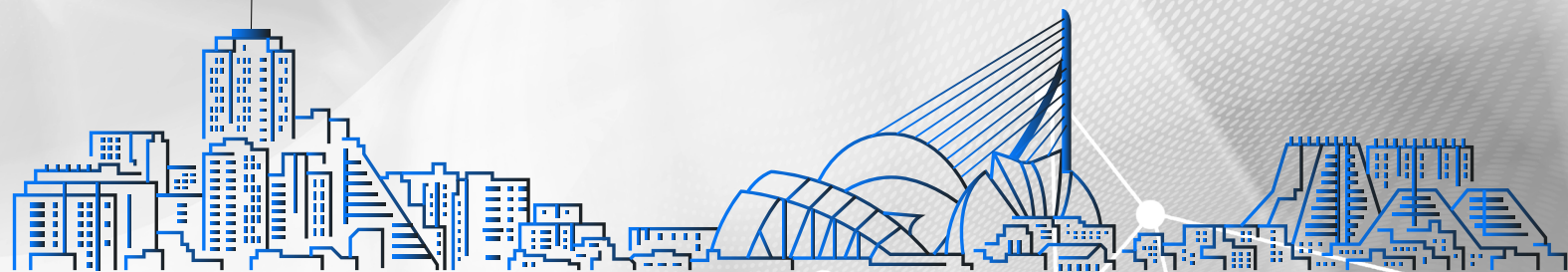
SENTIATECH CONGRESS

DETECTION, MEASUREMENT AND
CONTROL OF EMERGING RISKS

• **Valencia, Spain**

21-22 October 2025

Meeting on scientific innovation



www.congress.sentiotech.com
congress.valencia@sentiotech.com



■ ABOUT US

■ SENTIATECH ■

SENTIATECH is the **Spanish Technological Platform for Advanced Technologies for Pollutant Detection, Safety Prevention and Environmental Monitoring**. Established in 2023 with the support of the Spanish Ministry of Science, Innovation and Universities, this platform is an ecosystem of innovation and cooperation between agents of the Spanish system, ranging from public and private entities to observers and legislators.

The platform focuses on the development and application of advanced technologies for the early detection, measurement and control of emerging chemicals, pathogens and pollutants that impact human health and the environment. It also promotes the implementation of new technologies applicable to health assessment and monitoring, chemical and biological hazards, microbiological contamination and air quality.

■ ABOUT THE CONGRESS



The management of emerging risks has become an essential pillar to ensure safety in key sectors such as the agri-food industry, the chemical industry, health, the water cycle, occupational risks or environmental health, among others. Our congress aims to foster multidisciplinary collaboration and accelerate the development of innovative solutions to address current and future challenges in this constantly evolving field.

The **I SENTIATECH Congress** offers a privileged space for the exchange of ideas, the creation of synergies and the strengthening of the scientific and technological community. Renowned experts in sensing technologies, advanced data analysis, nanomaterials and advanced materials manufacturing, food safety and prevention regulations will gather to present the latest advances, discuss challenges still to be overcome and define new implementation strategies.



+150 PROFESSIONALS



EXPO AREAS



RESEARCH PROJECTS



NETWORKING



+80 SPEAKERS

■ WHO SHOULD ATTEND

Professionals and Phd students from industries such as

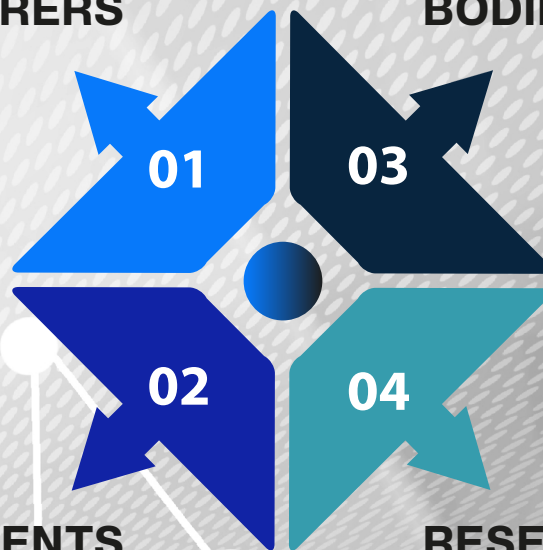
- Food industry
- Environmental and food analysis laboratories
- Water cycle
- Occupational risk prevention
- Health
- Chemical industry
- Air quality
- Manufacturers of nanoparticles and advanced materials
- Hospitals
- Extractive industry, mining and ceramics
- Wastewater treatment plants
- Manufacturers of measuring devices
- Manufacturers of protective equipment
- Hygienisation
- Sensorisation
- Pharmaceutical industry
- Clinical laboratories

**COMPANIES &
MANUFACTURERS**

**PUBLIC REGULATORY
BODIES**

PHD STUDENTS

RESEARCH BODIES



SCIENTIFIC BASIS

Members of the Scientific Committee



Carlos Fito

Technical Secretary of SENTIATECH and Manager of Safety and Environmental Monitoring Technologies at ITENE Research Centre



Pilar Marco

Head of the Nanobiotechnology for Diagnostics (Nb4D) group at the Institute of Advanced Chemistry of Catalonia (IQAC-CSIC) and Coordinator of the Nanomedicine Research Programme at the CIBER-BBN



Gloria Sánchez

Scientific Vice-Director at the Institute of Agrochemistry and Food Technology (IATA-CSIC)



María José Fabra

Senior Scientist at the Institute of Agrochemistry and Food Technology (IATA-CSIC)



Tomasz Puzyn

CEO at QSAR Lab Ltd. Full Professor of Chemistry and Head of the Laboratory of Environmental Chemometrics at the Faculty of Chemistry at the University of Gdańsk



José A. González

Head of the Department of Biogeochemistry, Plant and Microbial Ecology at the Institute of Natural Resources and Agrobiology of Seville (IRNAS-CSIC)



Magda Blosi

Responsible of the Laboratory of Nanomaterials at the Institute of Science, Technology and Sustainability for Ceramics (ISTEC-CNR)



Ramón Martínez

Director of the Inter-University Institute for Molecular Recognition and Technological Development Research (IDM-UPV)



Mark Wiesner

James B. Duke Distinguished Professor of Civil and Environmental Engineering at Duke University



Alba Hernández

Professor, Researcher and Director of the Department of Genetics and Microbiology at the Autonomous University of Barcelona (UAB)



Maida Domat

PhD Physicist specialised in Material Science at the University of Oviedo



Lang Tran

Director of Quantitative Toxicology at the Institute of Occupational Medicine - IOM's Research Division



Wouter Fransman

Principal Investigator for Exposure Assessment at TNO



Ernesto Alfaro

Head of Nanosafety at the International Iberian Nanotechnology Laboratory (INL)



Antonio Palomares

Vice-Director of the Institute of Chemical Technology (ITQ-CSIC-UPV)

3 disruptive themes in 1 single congress

RISK ASSESSMENT, MONITORING AND CONTROL OF EMERGING CONTAMINANTS AND SUBSTANCES OF CONCERN: PFAS, MICRO AND NANOPLASTICS

- Analytical techniques for the determination of PFAS and micro(nano)plastics
- EU policies, regulatory requirements and trends
- Human exposure to PFAS and micro(nano)plastics
- Treatment and removal technologies
- New analytical techniques and sensor-based approaches
- Human Health and Environmental Risks Assessment methodologies
- Other

INNOVATION AND OPPORTUNITIES OF SENSING TECHNOLOGIES IN AGRIFOOD VALUE CHAINS

- Antimicrobial resistance gene detection methods in the agrifood value chains
- New technologies for pathogens detection and food safety analysis in agrifood value chains
- EU policies, regulatory requirements and trends
- New technologies for allergenic substances and harmful chemicals detection and monitoring in agrifood value chains
- Molecular techniques for the detection of food fraud
- Other

INDUSTRIAL CHALLENGES AND SOLUTIONS TO IMPLEMENT THE SAFE & SUSTAINABLE BY DESIGN (SSbD) FRAMEWORK

- Tools and methodological approaches for human and environmental hazard assessment
- Industrial oriented exposure and release assessments models and tools
- Tools and methodological approaches to assist the lifecycle assessment and sustainability
- Policy vision and initiatives to support the SSbD framework implementation at industrial level
- Industrially oriented research projects
- Industrial view and SSbD implementation success stories
- Other

REGISTRATION RATES

GENERAL ADMISSION

**Early bird available until 30 June 2025*
***Registration through the congress website*

Early bird ticket ————— **400€**

Late bird ticket ————— **500€**

SPEAKER ADMISSION

Registration ticket ————— **300€**

SENTIATECH PLATFORM MEMBERS*

Special conditions to be consulted with the organisation

What is included?

All fees do not include VAT (21%).

The registration fee includes:

- Access to all scientific sessions
- Certificate of attendance
- Congress merchandising
- Access to the exhibition areas
- Coffee breaks on the two days of the congress
- Official lunch on the first day of the congress
- Official dinner on the first day of the congress

***To access the reduced fee for members of the SENTIATECH Platform, it is necessary to have the platform's membership fee filled in, signed and sent in. The supporting document will be requested during the registration process.**

Terms & Conditions

Instituto Tecnológico del Embalaje, Transporte y Logística (ITENE): Read these Terms and Conditions ("Terms", "Terms & Conditions") carefully before registering to any of our events.

These Terms and Conditions are related to the services provided by Instituto Tecnológico del Embalaje, Transporte y Logística (ITENE), Registro Nacional de Asociaciones del Ministerio del Interior nº 134.600 with VAT number, acting as a legal entity on behalf of the SENTIATECH Technology Platform. Instituto Tecnológico del Embalaje, Transporte y Logística (ITENE) in further text referred as ("We", "us", "our") is an international reference research centre located in Valencia, Spain, which specialises in R&D in areas such as packaging, transport, logistics, environmental monitoring, processes and products safety and sustainability, bioanalysis, etc.

PAYMENT TERMS: Clients can register for our events online through our website <https://congress.sentiotech.com> or by sending a signed booking form. Once the registration is received, payment is expected in up to 30 working days. For registrations within 30 days before the event, payments must be received before the event date.

CANCELLATION, POSTPONEMENT, AND SUBSTITUTION POLICY: Cancellation must be communicated to the conference secretariat in writing via e-mail to congress.valencia@sentiotech.com. When the withdrawal is brought on by the registrant's inability to arrange his or her own travel, such as issues with a visa application or other travel documents, registration fees will not be reimbursed. Cancellations received up to 4 weeks before the event will result in 50% refund from the registration fee. Cancellations received within 4 weeks from the event date and non-attendance are non-refundable. All registrations are transferable to any person within the same organization that paid for the participation, free of charge, up to 1 week before the event date. Clients unable to attend can inform us up to 2 weeks before the event date, and we may provide a full Credit Note valid for 12 months from the day of the event they registered for. The Credit Note can be used as a registration fee for any event we organize.

Due to various force majeure, we cannot be held responsible for cancellations and replacements of speakers. For the same reasons, we cannot be held responsible for cancellations, replacements, or postponements of events. We cannot be held responsible for any expenditures clients may have connected to our events. However, we take responsibility to inform all participants on time and take necessary measures to avoid such situations. In an unfortunate scenario where the event is postponed or canceled, we will provide a Credit Note with a validity of 12 months. No refund will be considered in the event of a cancellation due to inclement weather, natural calamities, or other unforeseen causes.

COPYRIGHT: We hold the complete authority of our data and content and everything we publish on our site. We can file a legal suit in case of data copyright issues. All intellectual property rights of all the materials produced or distributed by us in connection with the event are expressly reserved, and any unauthorized duplication, publication, or distribution is prohibited.

DATA PROTECTION: By registering for our events, speakers, delegates, and sponsors agree to share their details (Full Name, Job Title, Company, Business Email) with us to coordinate their participation, payment, and attendance at the event.

For networking purposes, these details will be shared with the other speakers, delegates, and sponsors. After the event, these details will be used by us for further promotion of future events. If they wish their details to be removed from our storage after the event, they can contact us at congress.valencia@sentiotech.com and request full removal.

ADMINISTERING LAW: This Agreement will be represented and interpreted as per the law of Spain under the Jurisdiction of the Spain Courts. For any legal dispute, we will use the courts in Spain, where the company is registered.

IF YOU HAVE ANY QUESTIONS OR CONCERNS REGARDING OUR TERMS AND CONDITIONS YOU CAN CONTACT US RIGHT AWAY.

▪ SPONSORS & COLLABORATORS

Sponsorship Packages

GOLD SPONSOR

- **Web:** Logo in 1st position in the list of sponsors and link to the sponsor's website. Sponsor profile on the website with long description.
- **Email marketing:** Logo in the 1st position in the list of sponsors and link to the sponsor's website. Short description of the company in the footer of all emails sent.
- **4 attendance passes** (50% discount on additional passes).
- **20% registration discount** on customer invitations.
- **Social media:** 2 posts on LinkedIn and Twitter: 1) incorporation - 2) company activity
- **Visibility at the event:** Large logo on promotional material on site
- **Programmes:** Large logo in printed and online programmes (+web link).
- **Merchandising:** Medium-sized promotional item in welcome bags.
- **Exhibition stand:** Exhibition table in the exhibition area.

LIMITED TO FOUR SPONSORS

Sponsors of networking breaks on day 1 or day 2 of the congress. You will be able to have your space sponsor logo in the programmes and have promotional material in the networking areas.

PRICE: 4.500€

SILVER SPONSOR

- **Web:** Logo in 2nd place in the list of sponsors and link to the sponsor's website. Sponsor profile on the website with short description.
- **Email marketing:** Logo in 2nd place in the list of sponsors and link to the sponsor's website.
- **2 attendance passes** (25% discount on additional passes).
- **10% registration discount** on customer invitations.
- **Social media:** 1 post on LinkedIn and Twitter: 1) incorporation.
- **Visibility at the event:** Small logo on promotional material on site.
- **Programmes:** Small logo in print and online programmes (+web link).
- **Merchandising:** Small promotional item in welcome bags.

PRICE: 2.000€

Collaborators



■ VENUE



The **La Harinera-Las Naves complex** is the space for experimentation and innovation promoted by the Valencia City Council's Department of Innovation, Technology, Digital Agenda and Investment. Activities are carried out here within the framework of the **Valencia Innovation Capital** innovation strategy, which aims to turn the city of Valencia into the technological hub of reference in the Mediterranean.

The facilities have more than 10,000 square metres open to the public, aimed at promoting innovation and technology, boosting the innovative activity of the territory and developing the city's technological entrepreneurship ecosystem by valuing its talent, promoting connections, raising the profile of its agents and encouraging public-private collaboration.

How to get there?

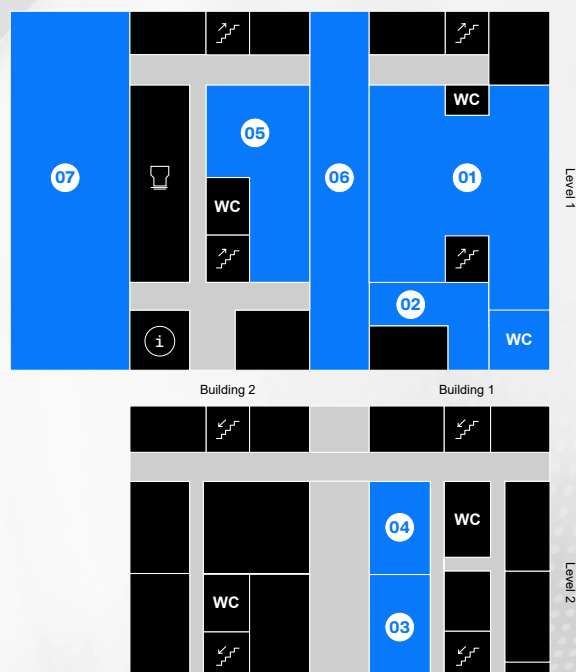


Las Naves (C/ de Joan Verdeguer, 16, Poblados Marítimos, 46024 Valencia)



La Harinera (C/ de Joan Verdeguer, 116, Poblados Marítimos, 46024 Valencia)

Layout of Las Naves complex



- 01 La Polivalent
- 02 Hall La Polivalent
- 03 Factoría
- 04 Visual Room
- 05 Exhibition Gallery
- 06 Courtyard 1
- 07 Courtyard 2

■ DISCOVER VALENCIA

Valencia stands out as a prime destination for events and professional gatherings, thanks to its excellent connectivity, welcoming atmosphere, pleasant climate, and renowned cuisine. The city specializes in what it does best: crafting memorable experiences.

Recognized twice by Forbes (in 2022 and 2024) as the **world's best city to live and work in**, Valencia offers an exceptional quality of life. Its stunning beaches, dynamic culinary scene, and rich cultural heritage, combined with accessible public transport, diverse recreational activities, and a strong sense of security, make it an outstanding place to visit and do business. Additionally, Valencia is deeply committed to sustainability and environmental initiatives, playing a key role in the green transition and climate action. With the Mediterranean shaping its history, nature, and way of life, the city boasts a unique ecosystem that has long supported healthy living and nutrition. This dedication to sustainability earned Valencia the title of **European Green Capital 2024**.



SENTIATECH

