



EIFS2022

2º Encontro Ibérico de Fluidos Supercríticos / 2º Encuentro Ibérico de Fluidos Supercríticos

28. February – 2. March 2022

Coimbra (Portugal)

ORGANIZED BY:



Venue

Faculdade de Ciências e Tecnologia (Pólo II)
Universidade de Coimbra (UC)
R. Sílvio Lima, Pólo II, 3030-790 Coimbra, Portugal

Organizing Committee

Hermínio C. de Sousa (Co-Chair, Univ. Coimbra)
Carlos A. García-González (Co-Chair, Univ. Santiago de Compostela, USC)
Mara Braga (Univ. Coimbra)
Ana Dias (Univ. Coimbra)
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Luísa Durães (Univ. Coimbra)
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Cristiana Bento (Univ. Coimbra)
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Cláudio Almeida (Univ. Coimbra)
João Vareda (Univ. Coimbra)
Pedro Maximiano (Univ. Coimbra)
Carmen Alvarez Lorenzo (USC)
Angel Concheiro (USC)
Herminia Domínguez (Univ. Vigo)
Josefa Fernández (USC)
Mariana Landín (USC)
Beatriz Magariños (USC)
Víctor Santos-Rosales (USC)
Thoa Duong (USC)
Ana Iglesias-Mejuto (USC)
Carlos J. Illanes-Bordomás (USC)

Important Dates

Abstract deadline: 21st December 2021
Abstract decision: 31st January 2022
Early bird registration date: 10th February 2022

Contact Details

EIFS Secretariat:
For scientific issues, eifs2022coimbra@gmail.com
For registration issues, info@flucomp.es

Scientific Committee

Sagrario Beltrán (Univ. Burgos)
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Ignacio Gracia (Univ. Castilla La Mancha)
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Enrique Martínez de la Ossa (Univ. Cádiz)
Ana Nunes (Univ. Nova Lisboa)
Luís Padrela (Univ. Limerick)
Alexandre Paiva (Univ. Nova Lisboa)
Francisca Rodrigues (Inst. Politécnico Porto)
Miguel Rodrigues (Univ. Lisboa)
Santiago Sala (Nanomol Technologies)
Carlos Silva (Univ. Aveiro)

Confirmed Speakers

Sílvio V. de Melo (Univ. Fed. Bahia, Brazil) (Plenary)
Ana A. Ricardo (Univ. Nova de Lisboa) (Plenary)
Nora Ventosa (ICMAB-CSIC) (Plenary)
Eunate Goiti (Tecnalia) (Plenary)
Francisco Ruiz (Keey Aerogel) (Plenary)
Pedro Vidinha (Univ. São Paulo, Brazil) (Keynote)
Danilo Cantero (Univ. Valladolid) (Keynote)

Meeting Website

<https://flucomp.es/eventos/eifs2022>

Aims & Scope

Following the success of EIFS2020, and on behalf of the Organizing Committee, we are pleased to invite you to attend EIFS2022, the Second Iberian Meeting on Supercritical Fluids (2º Encontro Ibérico de Fluidos Supercríticos / 2º Encuentro Ibérico de Fluidos Supercríticos), to be held on 28. February – 2. March 2022 in Coimbra, Portugal.

EIFS2022 is organized by the Green and Sustainable Processes Lab (GSP Lab @PPB-CIEPQPF, University of Coimbra, Portugal), by the I+D Farma research group (University of Santiago de Compostela, Spain), by PRODEQ (Associação para o Desenvolvimento da Engenharia Química, Coimbra, Portugal), and by Flucomp (Asociación de Expertos en Fluidos Comprimidados, Spain).

EIFS2022 aims at the dissemination of the high quality scientific research that is being developed in Spain and Portugal on a wide range of fundamental and applied topics on supercritical fluids (SCF) and SCF-based processes. It also aims to bring together, to strengthen and create new ties and collaborations between the Iberian research community and industry working on these topics, as well as to support young Iberian researchers working on these fields. Finally, English is the official language of EIFS2022 to open it to contributions from researchers all over the world.

EIFS2022 encompasses a broad spectrum of SCF-related topics in the form of invited plenary/keynote sessions, and selected oral/short oral/poster presentations. Participants are invited to submit high quality research works on several topics of interest which include, but not restricted to, the following areas:

- Thermodynamics, phase equilibria, and transport phenomena
- High pressure fluid properties

- Extraction, fractionation and drying
- Reactions and supercritical fluid biorefinery
- Particle production
- Materials and biomaterials
- Products and applications (analytical, food & nutraceutical, pharmaceutical, biomedical, catalysis, construction, oil & gas, other)
- Industrial applications and scale-up

EIFS2022 will be held in parallel to the "Spanish-Portuguese Industry-Academia Aerogel Meeting", organized by AERoGELS CA18125 COST Action (<https://cost-aerogels.eu/>), and to the "Workshop on Green Processes and Technology", organized by Greenering CA18224 COST Action (<https://www.greenering.eu/>). EIFS2022 registration will give access to the three events.

FLUCOMP Training Course

EIFS 2022 includes a short training course (5h), available for PhD students attending EIFS2022, which covers fundamental topics (e.g., introduction to SCF technology; relevant SCF properties; equations of state; phase equilibria), selected applications (SCF-based particle formation techniques) and economics (techno-economical assessment of SCF-based processes). EIFS2022 student registration will give free access to this course.

Preliminary Programme

Monday, 28th February 2022

- 9:30-12:00 – FLUCOMP Training Course (Part I)
- 13:00-14:00 – EIFS2022 Registration
- 14:00-14:30 – Welcome/Opening session
- 14:30-18:30 – Scientific Sessions: Plenary; Keynote; Oral; Poster (parallel with Greenering COST Action sessions)
- 18:30-20:30 – Welcome Reception

Tuesday, 1st March 2022

- 9:30-13:00 – Scientific Sessions: Plenary; Keynote; Oral; Poster (parallel with Greenering COST Action sessions)
- 13:00-14:30 – Lunch
- 14:30-18:00 – Scientific Sessions: Plenary; Oral; Poster (parallel with AERoGELS COST Action sessions)
- 18:00-22h00 – Cultural activities & Meeting Dinner

Wednesday, 2nd March 2022

- 9:30-11:30 – Scientific Sessions: Plenary; Short Oral; Poster (parallel with AERoGELS COST Action sessions)
- 11.30-12:30 – Flucomp meeting
- 12:30-13:30 – Closing Session & Farewell
- 14:00-17:00 – FLUCOMP Training Course (Part II)

Location

EIFS2022 location: click [here](#)

Training Course location: click [here](#)

