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# The 1st International Conference on Nanofluids (ICNf) and the 2nd European Symposium on Nanofluids (ESNf)

 Monday, 24 June, 2019 to Wednesday, 26 June, 2019

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Universitat Jaume I, Castellon, Spain

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Dear Colleagues, On behalf of the Organizing Committee, we would like to invite you to attend **the 1st International Conference on Nanofluids (ICNf) and the 2nd European Symposium on Nanofluids (ESNf).**

These are a series of international conferences under the auspices of the European Cooperation in Science and Technology (COST) Action - NANOUPTAKE (CA15119, [www.nanouptake.eu](http://www.nanouptake.eu))

(<http://www.nanouptake.eu>). Both events provide platforms for global collaboration and exchange of knowledge between researchers and engineers working on nanofluids – suspensions with particles ranging in size from 10 nm to 100 nm – and related areas.

Foci of ICNf 2019 (<http://www.icnf2019.com/#>) include production and characterisation of nanofluids and liquid-based nanocomposites, nanofluid-based heat transfer and storage of thermal energy, as well as industrial applications.

Representatives of related industries are invited to ICNf 2019 (<http://www.icnf2019.com/#>) to enable direct knowledge transfer from science to industry.

ICNf 2019 covers nanofluid aspects ranging in a wide field from basic research to real world industrial

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applications. Main topics include the following:

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- › Nanofluid materials (nanoparticles, nanoPCM, nanofluids, nanosalts, ionanofluids, etc.)
- › Nanofluid preparation and characterization methods, (stability (physical and chemical effects), agglomeration, etc.)
- › Nanofluid properties (thermophysical, optical, and magnetic properties)
- › Heating, cooling, and refrigeration
- › Phase change based heat transfer (boiling, surface coating, heat pipes, etc.)
- › Storage of thermal energy
- › Solar energy applications (specific black nanofluids, volumetric solar collectors, etc.)
- › Numerical simulation on the microscopic and macroscopic levels
- › Industrial applications
- › Health, safety, and environmental issues
- › ICNf 2019 features plenary and invited lectures, oral and poster presentations, and, for the first time, virtual participation.

Looking forward to seeing you in Castellón.

 Event website URL:  
<http://www.icnf2019.com> (<http://www.icnf2019.com>)



Organiser:

Nanouptake Action (CA15119), Universitat Jaume I, Castellon, Spain

Contact Name:

Leonor Hernández, Chair of the Organizing Committee

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### Information about this post

**Type of Event** Conference

**City** Castellon

**Geographic coverage** International

**Themes** Energy efficiency technologies and materials  
(/en/category/themes/energy-efficiency-technologies-and-materials)

**Target Group** Local/regional/national authorities and facilitators  
(/en/taxonomy/term/141), Building professionals (/en/taxonomy/term/142)

**Languages** English

**Website URL(s)** <http://www.icnf2019.com> (<http://www.icnf2019.com>)

**Submitted by:** Bartosz Zajackowski (/en/users/bartosz-zajackowski)  
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**Source languages** English

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**Spyridon Pantelis (/user/67982)**

(<http://uipi.com>) (Non-profit), Belgium


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