



The UJI leads for the first time a European COST Action with the aim of developing nanofluids for heat transport

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The lecturer Enrique Juliá from the Department of Mechanical and Construction Engineering at the Universitat Jaume I has been elected coordinator of the COST Action *Overcoming Barriers to Nanofluids Market Uptake* (NANOUP TAKE). This action was one of the 40 proposals selected by the Association for European Cooperation in Science and Technology and funded by the European Union among more than 400 projects presented.



NANOUP TAKE is focused on developing fluid for heat transport and advanced thermal storage using nanotechnology (nanofluids) with the aim of creating a European network to promote the use of these materials, thus increasing the efficiency of thermal exchange systems. The action has started on May 2016 and will run until April 2020 with an estimated budget of 120,000 euros per year.

In this action are taking part 35 research groups from 19 countries including universities, research centres and companies working in this field. The activities planned for the first year include research stays in other European centres, a meeting at the Universitat Jaume I in October with more than 85 participants and a training school from which students will benefit.

Nanofluids are one of the priority energy technologies in the EU in the research of safer, cleaner and more efficient energy systems that are respectful with the environment and develop an efficient use of resources and raw materials. There are currently some commercial applications available, but most nanofluids are at a level of technological readiness that requires a coordinated research to overcome the barriers of commercial applications.

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More information: http://www.cost.eu/COST_Actions/ca/CA15119

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El profesor Enríque Juliá del Departamento de Ingeniería Mecánica y Construcción Escola Superior de Tecnologia i Ciències Experimentals ha sido elegido coordinador de la COST Action Overcoming Barriers to Nanofluids Market Uptake (NANOUP TAKE) que fue una de las 40 propuestas seleccionadas por la Asociación para la Cooperación Europea para la Ciencia y Tecnología y financiadas por la Unión Europea entre más de 400 proyectos presentados.

Info: <http://goo.gl/1OKChH> #cienciaUJI

COST - European Cooperation in Science and Technology es la Asociación para la Cooperación Europea para la Ciencia y Tecnología (www.cost.eu).



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