

DEPARTAMENTO DE
INGENIERIA TERMICA Y DE
FLUIDOS

DEPARTAMENTO DE INGENIERIA TERMICA Y DE FLUIDOS

Actividades de investigación

Tesis Doctorales

- Modelo teórico y validación experimental de una bomba de calor de expansión directa con asistencia solar: eficiencia energética.
Autores: MORENO-RODRIGUEZ, A.
Director/Codirectores: GARCIA-HERNANDO, N. ; IZQUIERDO-MILLAN, M
Centro donde se presentó: ESCUELA POLITECNICA SUPERIOR
Año: 2013
- Numerical And Experimental Investigations On Pseudo-2d Gas Fluidized Beds
Autores: HERNANDEZ-JIMENEZ, F.
Director/Codirectores: ACOSTA-IBORRA, A.
Año: 2013

Publicaciones y actividades de difusión de resultados

Publicaciones en revistas científicas nacionales

- DE AGUSTIN, P.; IZQUIERDO-MILLAN, M; MARTIN, E.
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OPEN INNOVATION: LEADERSHIP AND VALUES, *Dyna*, Vol. 88, 2013, pp. 679-684, ESPAÑA.
- RODRIGUEZ-SÁNCHEZ, M.R.; VENEGAS, M. ; MARUGAN, C.; SANTANA, D.
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Statistical accuracy of scattered points filters and application to the dynamics of bubbles in gas-fluidized beds, *Journal of fluid mechanics*, Vol. 732, 2013, pp. 245-281, REINO UNIDO.
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Modelización de bombas manuales para el abastecimiento de agua, VI Congreso Universidad y Cooperación al Desarrollo, *VALENCIA*, ESPAÑA, 2013.

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Mathematical modelling of Direct Ethanol Fuel Cells including free and adsorbed intermediate species, ModVal 10th Symposium on Fuel Cell and Battery Modelling and Experimental Validation
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Actividades de formación y movilidad de personal investigador

Estancias en otros centros

- ANTONIO LUIS SANCHEZ PEREZ
Título: Estancia en la Universidad de California
Centro Externo: Universidad de California
País: ESTADOS UNIDOS DE AMERICA
Duración: 01/01/2013 a 30/08/2013.
- JESUS GOMEZ HERNANDEZ
Título: Fluidization of TiO₂ nanoparticles
Centro Externo: Delft University of Technology
País: HOLANDA - PAISES BAJOS
Duración: 16/09/2013 a 16/12/2013.
- JUAN SANCHEZ MONREAL
Título: Experimental characterization of Proton Exchange Membrane Fuel Cells (PEMFCs) under autohumidification conditions.
Centro Externo: DLR Stuttgart
País: ALEMANIA
Duración: 17/09/2013 a 20/12/2013.
- MARIANO RUBIO RUBIO
Título: Global stability of stretched Non-Newtonian liquid jets.
Centro Externo: Universidad Católica de Lovaina
País: BÉLGICA
Duración: 01/08/2013 a 30/11/2013.
- PABLO ANGEL GARCIA SALABERRI
Título: Lattice Boltzmann simulations of anisotropic permeabilities in partially-saturated PEM fuel cell gas diffusion layers.
Centro Externo: McGill University
País: CANADA
Duración: 08/03/2013 a 20/12/2013.