

MIRARCO researcher Monica Carvalho has been nominated for the Extraordinary Doctoral Award of the University of Zaragoza, in Spain.

Only these granted with *Summa cum laude* (honorable mention from the jury) and presenting outstanding scientific quality are nominated.

Dr. Carvalho is recognized for:

- Ph.D. with European Doctorate honorable mention in Mechanical Engineering from the University of Zaragoza (Spain), granted with an Alban Scholarship (2006-2009), thesis entitled "Thermoeconomic and environmental analyses for the synthesis of polygeneration systems in the residential-commercial sector".
- Advanced Studies Degree (2008) in Climatization and energy efficiency in buildings. M.Sc. in Thermal Engineering (thesis entitled "Energy and Exergy Analysis of the Red Ceramics Industry: Study case at Cerâmica Santa Cecília Ltda", Federal University of Paraíba, Brazil, 2005).
- B.Eng. in Electrical Engineering (Federal University of Campina Grande, Brazil, 2003)
- Her investigation interests in thermal engineering, polygeneration (co- and tri-generation) with emphasis on thermoeconomics and environmental impacts, energy efficiency of buildings, mitigation of climate change, Life Cycle Assessment.
- A research stay (funded by Becas CAI Programa Europa) at the Department of Environmental and Industrial Informatics of the Hochschule für Technik und Wirtschaft Berlin (HTW Berlin) University of Applied Sciences (Sep-Dec/2009).
- Her membership in the International Environmental Modelling & Software Society and of the Energy, Renewables and Carbon Management Group.



Dr. Monica Carvalho


The University of Zaragoza is the main centre of technological innovation in the Ebro Valley and has great prestige among the group of both Spanish and European universities it has relations with.



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