

Press release

Presse-Information • Information de presse

6/2015
08 July 2015

<http://www.efce.org>

Portuguese researcher recognised by EFCE



The European Federation of Chemical Engineering (EFCE) has awarded Dr. Cláudio António Pereira da Fonte, currently a research engineer at IFP Energies nouvelles, France (IFPEN), with the Young Researcher Award in Mixing 2015.

Dr. Fonte completed his PhD thesis in the field of mixing in the Department of Chemical Engineering at the University of Porto, Portugal.

Dr. Fonte's work focused on mixing in Confined Impinging Jets (CIJs); an alternative method to conventional mixing in stirred tanks. His thesis, which provides a better understanding of this mixing method for laminar flow, also identified mixing mechanisms and flow regimes in CIJs.

Dr. Giuseppina Montante, Associate Professor in the Department of Industrial Chemistry at the University of Bologna, Italy, and Chair of the Awards Committee said: "Dr. Fonte was named the recipient of this award for several reasons: the broadness of his work based both on Computational Fluid Dynamics (CFD) and advanced experimental techniques; his international exposure as a researcher; and the potential of his research, which includes industrial connections.

"The Awards Committee decided that Dr. Fonte was the candidate with the broadest portfolio in the field of mixing and recognises that he has a promising future in the field of mixing research and practice."

On being named the recipient of the award, Dr. Fonte said: "I am extremely grateful to EFCE and its Working Party on Mixing for this award. I see it as confirmation of the relevance of my work in the field of mixing by confined impinging jets; both at a more fundamental research level and its industrial applications.

"I hope this award will enable me to contribute further to research in mixing in the years to come. I would also like to take this opportunity to acknowledge the support of my PhD advisors, Professor José Carlos Lopes and Dr. Ricardo Santos, from the Laboratory of Separation and Reaction Engineering at the University of Porto."

Dr. Fonte was awarded the Young Researcher Award in Mixing 2015 for his thesis '*Mixing Studies with Impinging Jets: PIV/PLIF Experiments and CFD Simulation*' at the 15th European Conference on Mixing, which was held in Saint-Petersburg, Russia, from 28 June – 3 July.

Ends

This press release is also available at the EFCE website: <http://www.efce.org>

1/2

Related links

[EFCE Media Centre](#)
[15th European Conference on Mixing](#)

Notes to media:

For further information, please contact:

Trish Regis, information and communications officer, EFCE
tel: +44 (0)1788 534435
email: pregis@icheme.org

About chemical engineers

Chemical, biochemical and process engineering is the application of science, maths and economics to the process of turning raw materials into everyday products. Professional chemical engineers design, construct and manage process operations all over the world. Oil and gas, pharmaceuticals, food and drink, synthetic fibres and clean drinking water are just some of the products where chemical engineering plays a central role.

About EFCE

Founded in 1953, The European Federation of Chemical Engineering (EFCE) is a non-profit-making association, whose object is to promote co-operation in Europe between non-profit-making professional scientific and technical societies in 30 countries for the general advancement of chemical engineering and as a means of furthering the development of chemical engineering. See www.efce.org