

Dr. Yunesky Masip Macía, Pontificia Universidad Católica de Valparaíso,
Valparaiso, Chile.

1. After 4 years as PhD student on the Engineers School of the Navarra University (TECNUN) in Spain and another 1.5 years as Researcher Assistant by the Materials Department on the Center of Technical Studies and Research of Gipuzkoa, Spain (CEIT- IK4 Research Alliance), has joined the School of Mechanical Engineering, Pontificia Universidad Católica de Valparaíso (PUCV) as Associate Professor since March 2014. Where he teaches the subjects of Thermodynamics, Heat Transfer, Renewable Energy and Thermal Engineering.
2. Dr. Masip is working together with Prof. Alejandro Rivas of Navarra University on the experimental study and analysis of the electronic cooling by combining a cross-flow and impinging jet.
3. Dr. Masip currently participates with other Professors School of Mechanical Engineering of PUCV in three projects. First, Applications of Renewable energy for energizing rural areas isolated. Second, the Micro-cogeneration applied to the residential sector and the last one about the building of a Test Rig for Thermal Energy Meters.
4. Dr. Masip together with Dr. Jose Manuel Martin of the Materials Department on the Center of Technical Studies and Research of Gipuzkoa, Spain (CEIT- IK4 Research Alliance), has working on two project about the Production of Ultra-Fine Powder using the Atomization of High Pressure and the Production of Ultra-Fine Shot through Atomization of Low pressure Water.
5. Dr. Masip during 2005 and 2008 was Researcher and Professor Trained of Center for the Study of Renewable Energy Technologies (CETER) from Habana, Cuba.

Recent Publications

Reviewer for: International Journal of Chemical Reactor Engineering

- “Experimental study of the turbulent flow around a single wall-mounted cube exposed to a cross-flow and an impinging jet”. International Journal of Heat and Fluid Flow, Vol. 38, pp. 50-71, 2012.
- “Experimental study of the turbulent flow around a single wall-mounted prism obstacle placed in a cross-flow and an impinging jet”. WIT Transactions on Engineering Sciences, 69, pp. 569-584, 2010.
- “PIV measurements and a CFD benchmark study of a screen under fan-induced swirl conditions”. International Journal of Heat and Fluid Flow, Vol. 46, pp. 43-60, 2014

- “Cooling Analysis of an electronic component”. Scielo Journal “Ingeniería Mecánica”, Vol. 18, pp. 116-121, 2015.
- “Renewable energy: an alternative to the energization in isolated rural areas”, Newspaper “La Segunda”, 26 de junio 2015, pp. 29.
- “Simulation and Modeling of a Desiccant Wheel for air conditioning in Cuba”. Electronic Publishing in Ecosolar No. 20, ISBN:1028-6004, 2007.