



Short CV:

Dr. Marisol Martin-Gonzalez is currently head of the Nano-engineered Thermoelectric Devices group at the Institute of Microelectronics of Madrid (Spain) –IMM-CSIC-. The group is formed by 10 postdocs and students all of them working on thermoelectrics.

She holds a Ph.D. degree since 2000 working on electrodeposition of High temperature Superconductors at Complutense University in Madrid –Spain-. Afterwards, she completed her first postdoc stage at UC Berkeley working with Prof. A. Stacy and T. Sands in the nanostructuring of thermoelectric materials by electrochemical techniques, where she obtained relevant pioneering results in thermoelectrics nanowires arrays. In 2003 she joined the Instituto de Microelectronica de Madrid IMM-CSIC (from the National Research Council of Spain), where she was working on nanostructuring and characterizations in perpendicular magnetic recording, hard drives and magnetic-semiconductors (Spintronics). In 2008 she got a Researcher permanent position at CSIC. After being awarded last year with an **ERC Starting Grant** that has allowed her to consolidate her research team, she is working again in nano-engineering of thermoelectrics.

She is author or co-author of more than 50 ISI papers. Her work has received more than 1000 citations to date. Regarding technology transference, she has the rights of 2 patents and is the managing partner and scientific consultant of a spin-off enterprise called AD-Particles. Within FP6, Dr. Marisol Martin-Gonzalez participated actively in HIDEMAR (High Density magnetic recording) project **awarded** by the EU commission with **DESCARTES** finalist prize in 2005. Right now, the group participates at several projects in the **field of thermoelectricity** like: two FP7 EU projects (NEXTEC and NANOHITEC), a large Spanish research program (CONSOLIDER-NANOTHERMA), one bilateral project with Japan (NANOTHERM) and smaller national projects. She maintains also various scientific collaborations in the field within Europe, USA, and Japan.

Planning to be a very active member of the European Thermoelectric community, Dr. Marisol Martin-Gonzalez she postulates as a prospective candidate for the ETS Board.