

**Available Experienced Researcher Positions in the  
FP7-PEOPLE-IAPP project GEMS**  
*Geometric Manufacturing Solutions for Freeform Shapes*

Are you interested in applications of Mathematics and Computer Science in NC machining and Architecture, and willing to work in a company located in Vienna, Austria? If this is the case and you have already got some experience, you should consider applying for the following position in the GEMS project.

GEMS is an EU-funded IAPP (Industry-Academia Partnerships and Pathways) project involving Vienna University of Technology (Austria) and Technion (Israel) as academic partners, and three industrial partners: Evolute GmbH (Vienna, Austria, <http://www.evolute.at>), ModuleWorks (Aachen, Germany) and ModuleWorks Romania (Bukarest, Romania). The main objective of the project is to develop new computational tools to support the efficient manufacturing of freeform shapes, applicable at diverse scales. This is a topic of Computational Mathematics.

GEMS is scheduled for four years and it started on June 1, 2012. There are three vacant positions for experienced researchers, one of them at Evolute in Vienna. This position will be funded within GEMS for two years, but Evolute prefers to hire a researcher who will consider staying with the company beyond the EU-funded period. The position shall be filled within the first year of GEMS's operation. This call for application is planned to stay open until November 30, 2012, but positions may be filled earlier if good candidates have been found.

To be eligible for this GEMS position as an experienced researcher, you must have a PhD or at least 4 years of research experience after your master degree. Your degree should be in mathematics or computational science. Preference will be given to applicants with a strong expertise in the computational aspects of NC machining, as well as geometry processing and geometric optimization in general. Note that by the rules of IAPP projects you are not eligible for a position in the country where you have lived in the last couple of years. GEMS aims at the highest possible involvement of female researchers and thus we especially encourage women to apply.

For general information on the Marie-Curie IAPP program, check:  
[http://ec.europa.eu/research/fp7/understanding/marie-curieinbrief/research-business\\_en.html](http://ec.europa.eu/research/fp7/understanding/marie-curieinbrief/research-business_en.html)

The salary and other compensations are specified in the Marie Curie work program, the one valid for this project can be found here (see Annex 3, p.56 and the tables therein): [ftp://ftp.cordis.europa.eu/pub/fp7/docs/wp/people/m-wp-201101\\_en.pdf](ftp://ftp.cordis.europa.eu/pub/fp7/docs/wp/people/m-wp-201101_en.pdf)  
The employment contracts for researchers in the IAPP projects provide full social benefits, and the fellow pays taxes as any other employee in the recruiting organization.

For information on GEMS and the open position at Evolute, please contact us at [recruiting@evolute.at](mailto:recruiting@evolute.at).