Position for a Marie-Curie postdoc at MTU Aero Engines, Munich, Germany

*The MTU Aero Engines (Munich, Germany) has an opening for one **12-16month postdoc position (experienced researcher 4-10 years experience)** under an EU 7 FP People Program "Industry-Academia Partnerships and Pathways" (Call: FP7-PEOPLE-2012-IAPP) on "Exact and Adaptive Modeling and Simulation of the Air Passage of Aircraft Engines" (EXAMPLE) in cooperation with the Institute for Applied Geometry of the academic partner Johannes Kepler University (JKU).*

Description

The main objective of EXAMPLE is as to improve the design and analysis of aircraft engines by enhancing the existing mathematical technology using the new approach of Isogeometric Analysis (IGA).

The research of the opened position is focused on the integration of new spline technologies into the design processes of aircraft engines, especially for fully-automatic shape optimization processes.

MTU Aero Engines is Germany's leading engine manufacturer and an established global player in the industry. It engages in the development, manufacture, marketing and support of commercial and military aircraft engines in all thrust and power categories and industrial gas turbines. The German manufacturer employs approximately 7900 people overall and with its various affiliates has a presence in all significant regions and markets worldwide.

Application details

Envisaged Job Starting Date	between 01/09/2015 and 01/01/2016
Application Deadline	01/08/2015
Required Education Level Degree	PhD or equivalent
Degree/Research Field	Mathematics (Computational Mathematics) or equivalent
Language	English

Due to the mobility dimension as a key characteristic of the EU 'People' Programme, eligibility requirements to the Marie-Curie IAPP scheme include that the candidates have not spent more than 12 months in Germany in the 3 years immediately preceding the appointment for this position.

EXAMPLE Application and Contact: david.grossmann@mtu.de

MTU Aero Engines AG, Dachauer Straße 665, 80995 Munich, Germany, www.mtu.de