

Physical Metallurg (PhM), Materials Science, Technische Universität
Darmstadt (TU Darmstadt)

Research position, Doctoral Candidate/Postdoc

We are seeking as soon as possible an outstanding doctoral candidate / Postdoc for a research position as part of the FP7 EU large-scale integrating collaborative research project entitled **“iSTRESS: Pre-standardisation of incremental FIB micro-milling for intrinsic stress evaluation at the sub-micron scale”**. The overall project includes wide-ranging round robin and cross-validation exercises and close interaction with industrial partners (Bosch, Global Foundries, Rolls-Royce, EDF, Tescan). For more information on the iSTRESS project see: <http://www.stm.uniroma3.it/iSTRESS/>. The position is scheduled for three years, with possible extension.

Part of the research project in Darmstadt is to design and perform reference experiments for the determination of residual stress using focused ion beam milling and digital image correlation, together with Finite Element modelling of the stress relaxation.

Motivated applicants with a MSc or PhD degree in Materials Science & Engineering / Mechanical Engineering or similar disciplines are invited to submit their application electronically to k.durst@phm.tu-darmstadt.de.

FB 11 – Material- und
Geowissenschaften

FG Physikalische
Metallkunde



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