

Position: Researcher (structural analysis)



Location: Brno University of Technology, Institute of Aerospace Engineering,
Technická 2, 616 69 Brno, Czech Republic (EU)

Expected Level: This position is available with at least 3 years of experience in research after a Master degree in aerospace engineering (focused on composite structures for aircraft).

Additional required qualifications include:

- Expertise in composite structures and FEM modeling (min 5 years of experience)
- Experience in research projects (including ability of individual and team research work)
- Advanced knowledge of FEM methods (preferably using MSC software)
- MSc. or Ph.D. degree
- English language skills (oral and written)
- Prior publication in peer-reviewed conferences and journals

Working experience on the field of composite structures from old EU member states is advantage.
Active (flexible) approach to solution of research problems is required.

Job description, information about the position:

Institute of Aerospace Engineering (IAE) / Brno University of Technology is searching for experienced researchers for work on international projects on the aerospace field. IAE closely cooperates with leading European research and industrial partners in aerospace on topics related to composite structures and FEM modeling. New researcher will work within already running 7.FP EU grant project on topics defined by research and industrial partners from Germany, Sweden and UK. Research activities will include enhanced use of FEM (Finite Element Modeling) using state of the art software and hardware. It is expected to enhance involvement of most successful researchers to other national and international research projects in aerospace domain.

We offer / benefits:

- creative and challenging work,
- taking part in interesting and demanding research projects with top European research and industrial establishments,
- flexible working hours,
- competitive salary,
- 30 days of vacation.

Deadline for application: April 1, 2011

Additional information:

The appointment is initially for two years with a possibility of extension, and could start as early as in April 2011.

Application documents include curriculum vitae, a list of publications and accomplished research projects and a cover letter with salary expectations.

Applications are to be submitted by email to the [assoc. prof. Ing. Jaroslav Juracka, Ph.D. \(juracka@fme.vutbr.cz\)](mailto:juracka@fme.vutbr.cz).

Last modification: January 14, 2010