

Job Title: Post-Doctoral Fellow

Duration: one / two years (Flexible)

Application Deadline: The deadline for applications is April 15, 2009 but applicants will be considered until the position is filled.

Position Start Date: Flexible (Flexible around Fall 2009)

Location: Thuwal, Saudi Arabia.

Academic Field: computational mechanics applied to composite materials, Identification of composite material, modeling and simulation. Aerospace. Composites for energy.

Job Requirements and Description: The successful applicant must have completed a Ph.D. in mechanical engineering, applied mathematics, material science, energy science, or a related discipline, with a proven capacity for world-class research that is reflected in a publication record. In particular, good technical writing skills are fundamental.

Experience in some of the following areas is desirable: computational solid mechanics, damage mechanics, fracture mechanics, material modeling, numerical analysis, applied parallel computing, experimental investigation of composite materials, image processing, polymers chemistry.

The successful applicant will be involved in the publication of the research results including journal publications and conference presentations. Furthermore, the successful applicant may be expected to assist in the supervision of any graduate research assistants.

Affiliation:

The postdoctoral fellow will be associated with the Division of Mathematical and Computer Sciences and Engineering of the King Abdullah University of Science and Technology (KAUST). Further details and opportunities may be found at <http://www.kaust.edu.sa/>.

The candidate will be part of the COHMAS (Composite and Heterogeneous Materials Analysis and Simulation) Laboratory, Pr. Gille Lubineau being the principal investigator.

Salary and Benefits:

Remuneration will be competitive, and commensurate with the applicant's qualifications and experience. In addition, the appointment includes the following benefits: (i) Fully-furnished housing (including utilities) is provided at no cost to the postdoctoral fellow, (ii) Annual travel allowance is provided, (iii) Relocation allowances are provided at the beginning of contract, (iv) health insurance is provided, and (v) one month per year of paid vacation leave. Yearly salary (net of taxes) is between 60000 and 90000USD based on experience.- and academic record.

Application Material:

Interested candidates should e-mail Pr. Gilles LUBINEAU lubineau@kaust.edu.sa

- 1- A complete professional CV, including educational background, experience, and a list of publications.
- 2- Names, affiliation, telephone numbers, and e-mail addresses of three individuals who could provide letters of reference, if requested.
- 3- A brief statement of research interests/plans (no more than two pages).

Professor Gilles Lubineau

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<http://www.kaust.edu.sa/bios/bio-lubineau.aspx>
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