

## Open Postdoctoral Position

The Computational Physics Group at the Aerospace and Mechanical Engineering Department at the University of Notre Dame is seeking a highly qualified candidate for the post-doctoral research associate position in Computational Mechanics. The successful candidate will develop and implement multiscale computational approaches for modeling of chemo-thermo-mechanical response of heterogeneous materials such as energetic materials and solid propellants.

### **Qualifications:**

- Ph.D. in Theoretical and Applied Mechanics, Mechanical Engineering, Applied Mathematics, Physics or related engineering or science discipline
- Knowledgeable in computational nonlinear mechanics, numerical methods, fluid dynamics, and/or combustion
- Knowledge of C/C++ and UNIX operating system is required
- Experience in parallel programming (strongly preferred)

### **Close Date:**

Review of applications will begin immediately and continue until the position is filled.

### **Contact:**

Interested applicants should send a CV with a cover letter, names of at least three references, and a summary of recent work. All applications should be submitted electronically (paperless process) as a single PDF document to:

Dr. Karel Matouš  
Associate Professor  
E-mail: [kmatus@nd.edu](mailto:kmatus@nd.edu)

WWW: [www.nd.edu/~kmatous](http://www.nd.edu/~kmatous)

WWW: [www.nd.edu/~ame](http://www.nd.edu/~ame)

WWW: [www.nd.edu](http://www.nd.edu)

The University of Notre Dame is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply.