

Postdoctoral Research Associates/Shock Physics and Chemistry Group/Beijing Institute of Technology

Applications are invited for postdoctoral positions in dynamic behavior of materials at Shock Physics and Chemistry Group, Beijing Institute of Technology. Qualifications include a Ph.D. in Physics, Mechanics, Materials Science, Chemistry or a related field as well as relevant experience in the research of dynamic behavior of materials.

The Shock Physics and Chemistry Group is a part of the State Key Laboratory of Explosion Science and Technology, Beijing Institute of Technology, where state-of-the-art experimental and computational facilities are available for studying explosives, explosion and dynamic loading. The candidates will conduct experiment and numerical simulation of physical, mechanical and chemical responses of materials under dynamic loading (shock waves or shockless impact), including deformation and failure of materials under explosion and impact; shock induced phase transition, chemical reaction and processing of materials; numerical simulation of explosion and impact.

The positions starting in 2017 are available immediately, and will remain open until they are filled. Initial appointment is a two year term renewable depending upon available funding and satisfactory performance.

Inquiries about the position can be sent to prof. Pengwan Chen (pwchen@bit.edu.cn, pwchen@foxmail.com). Applicants should include a cover letter, a curriculum vitae including a publication list, a short statement of research interests and goals.

Best regards,

Pengwan Chen