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Info_plasticity is a newsletter for distributing information among the
"dislocation-based plasticity community". Please send your news to
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Dear colleagues,

A postdoc position in continuum dislocation dynamics modeling of plasticity will open soon.

Please forward the attached postdoc ad (see next page) to candidates you might know.

Thank you,

Anter El-Azab

Anter El-Azab, Professor
Purdue University
School of Materials Engineering

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Recent publications:

- Stricker, M., Weygand, D., and Gumbsch, P., 2017. Irreversibility of dislocation motion under cyclic loading due to strain gradients. *Scripta Materialia*, 129, 69-73.

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Purdue University
School of Materials Engineering
Materials Theory Group

Postdoctoral Position in Mesoscale Plasticity

The School of Materials Engineering at Purdue University invites applications for a Postdoctoral Research Associate position in the area of Computational Mesoscale Plasticity. The successful candidate will model plasticity of single crystals using continuum dislocation dynamics and perform computational solution using finite element method. We are particularly interested in applicants with expertise in computational materials science and/or computational mechanics, good background in elasticity and plasticity theory, and knowledge of dislocation dynamics. Prior experience in numerical methods and parallel programming is highly desired. The position will be available in April 2017. It will be offered initially for 12 months with the possibility of extension to two or more years depending on candidate's performance. Applications should be submitted by email to:

Anter El-Azab, Professor
Purdue University
School of Materials Engineering
Neil Armstrong Hall of Engineering
701 West Stadium Avenue
West Lafayette, IN 47907-2045
Phone: 765-496-6864
Email: aelazab@purdue.edu

Application should include a curriculum vita with list of publications, one-page (or less) statement of research interests, and the names of at least two references with their email addresses and telephone numbers.

Purdue University is an EOE/AA employer. All qualified individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.