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Dear all,

The first issue of our newsletter is devoted to the next symposium:
After the successful 2nd Schöntal Symposium in March this year, we are happy to announce that there will be a **3rd Schöntal Symposium. The dates have been fixed to 26. Feb. to 1st March, 2018.**

Kind regards,
Katrin Schulz

Recent publications:

- Sandfeld, S. and Po, G., 2015. Microstructural comparison of the kinematics of discrete and continuum dislocations models. *Modelling and Simulation in Materials Science and Engineering*, 23(8), p.085003.
- Stricker, M. and Weygand, D., 2015. Dislocation multiplication mechanisms—Glissile junctions and their role on the plastic deformation at the microscale. *Acta Materialia*, 99, pp.130-139.
- Kapetanou, O., Weygand, D. and Zaiser, M., 2015. Stress and strain fluctuations in plastic deformation of crystals with disordered microstructure. *Journal of Statistical Mechanics: Theory and Experiment*, 2015(8), p.P08009.
- Weygand, D., Mrovec, M., Hochrainer, T. and Gumbsch, P., 2015. Multiscale Simulation of Plasticity in bcc Metals. *Annual Review of Materials Research*, 45, pp.369-390.
- Schmitt, S., Gumbsch, P. and Schulz, K., 2015. Internal stresses in a homogenized representation of dislocation microstructures. *Journal of the Mechanics and Physics of Solids*, 84, pp.528-544.

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