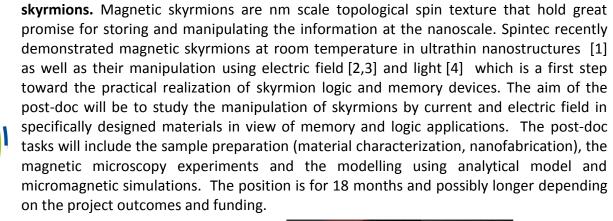




Post-doctoral position in spintronics on magnetic skyrmions at Spintec

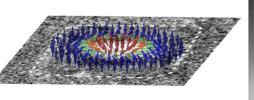
Spintec invites application for a postdoctoral fellowship in spintronics on magnetic











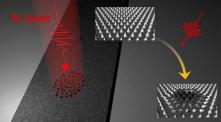


Fig.1 Left X-ray microscopy image of a magnetic skyrmion and its schematic representation [1]. Right: Illustration of the creation of a skyrmion lattice in ultrathin films using fs laser pulse excitation [4].

This position is part of a larger project with the aim of pushing forward fundamental knowledge on magnetic skyrmions in view of technological applications for memory and logics. Applicants should hold a phd in solid state physics or related discipline. An expertise in nanomagnetism or spintronics as well as nanofabrication would be a strong asset. Applications must include a CV, motivation letter and be posted at this link: http://bit.ly/2QAqBGY. The position is readily available and should be filled as soon as possible. The contract is expected to start in March, taking into account the selection process, hiring procedures, and security request to access SPINTEC. More information: Olivier Boulle, olivier.boulle@cea.fr.

- [1] O. Boulle et al., Nat. Nanotechnology **11**, 449 (2016).
- [2] T. Srivastava et al., Nano Lett. (2018).
- [3] M. Schott et al., Nano Lett. 17, 3006 (2017).
- [4] S.-G. Je et al., Nano Lett. (2018).

SPINTEC Commissariat à l'Énergie Atomique - INAC Centre de Grenoble - 17, rue des Martyrs - 38054 Grenoble Cedex 9 France Tél. : +33 (0)4 38 78 23 83 - +33 (0)4 38 78 21 27 - inac.cea.fr/spintec