

## 2018 - 1

### **Characteristics of ferroelectric-ferroelastic domains in Néel-type skyrmion host GaV 4 S 8**

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### **Equilibrium skyrmion lattice ground state in a polar easy-plane magnet**

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### **Polar and magnetic order in Ga V4 S e8**

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### **Relaxation dynamics of modulated magnetic phases in the skyrmion host GaV4 S8: An ac magnetic susceptibility study**

*Butykai Adam<sup>1,2</sup>, Bordacs Sandor<sup>1,2</sup>, Kiss Laszlo Ferenc<sup>3</sup>, Szigeti Bertalan György<sup>1</sup>, Tsurkan Vladimir<sup>4</sup>, Loidl Alois<sup>4</sup>, Kezsmarki Istvan<sup>4,1,2</sup>*

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### Direct evidence for cycloidal modulations in the thermal-fluctuation-stabilized spin spiral and skyrmion states of GaV4S8

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