

## **TOWARDS THE INTERACTION BETWEEN SINGLE-MOLECULE MAGNETS AND MODIFIED GRAPHENE**

UGOLOTTI Juri, ZOPPELLARO Giorgio, TUČEK Jiří, MALINA Ondřej, ZBOŘIL Radek

*Palacky University in Olomouc, Olomouc, Czech Republic, EU*

### **Abstract**

Tuning the properties of single-molecule magnets (SMMs) through interaction with magnetic materials is a challenging feat that could generate extremely interesting products with enhanced magnetic properties. Such interaction can be potentially achieved using metallic magnetic nanoparticles, but non-metallic graphene-based materials represent a newer and exciting way to influence the properties of SMMs.

**Keywords:** Single, molecule, magnets, graphene

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