



## Color Centers in Diamond: Fabrication, Devices and Applications

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### Message from the Guest Editors

In 1997, the first observation of optically-detected electron spin resonance of a single nitrogen vacancy (NV) center in diamond started a completely new application field. Since then, point defects in diamond have become leading contenders for multiple fields. In this Special Issue (SI), we would like to highlight recent developments in this strongly interdisciplinary field. We invite contributions on the material science aspects like creating color centers, modifying diamond surfaces or the synthesis of diamond materials. We address the technology to fabricate nano- and microscale devices. We highlight the physics of color centers. The SI is not restricted to the NV center: we also encourage submissions on other alternative centers. Finally, we invite recent results on the application of color centers. This SI will provide a highly-visible, multi-disciplinary, freely-accessible collection of recent advances in the field of diamond color centers and their applications.

Deadline for manuscript  
submissions:

**closed (30 April 2018)**





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## Message from the Editor-in-Chief

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