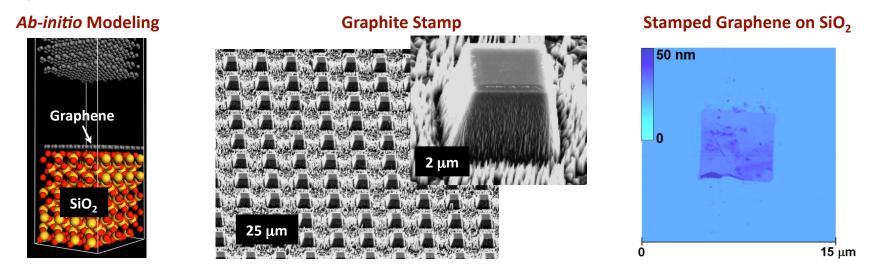
IRG-1: Towards Spin-Preserving, Heterogeneous Spin Networks

Site-Specific Stamping of Graphene D. Li, W. Windl, N.P. Padture

Graphene (2-D carbon) is being considered for spintronics due to its low spin-orbit coupling. While graphene-based devices are being made one-at-a-time successfully, there is a need for a high-throughput fabrication method.



CEM researchers conducted theoretical and experimental studies, and demonstrated the feasibility of a new method of site-specific stamping of few-layers graphene. The site-specific nature of the large-area patterned stamps could enable high-throughput fabrication of future graphene-based devices.

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