



**Aachen
Graphene &
2D-Materials
Center**

Aachen-Graphene Flagship-Seminar

**January 26, 2021
2:00 p.m.
Location: Zoom**

Developing and delivering graphene electronic devices at commercial quality and scale, starting with a graphene Hall effect sensor

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Paragraf (www.paragraf.com), based in Cambridge UK, is a company whose proprietary graphene technology has enabled graphene based electronic devices to be brought to market for the first time in an industrially scalable way. The first device is a graphene Hall sensor (GHS) that demonstrates exceptional performance in terms of the achievable resolution and its ability to function robustly under environmental extremes such as cryogenic temperatures and high-radiation environments such as space. The process of taking this device from research to production has yielded a robust understanding of the graphene production, processing and handling process. This talk will share some of these learnings and developments and will outline how this has translated into the delivery of the GHS Series of graphene magnetic sensors and beyond!