Helicene-like graphene nanoribbons (HGNRs) are prepared through a regioselective photochemical cyclodehydrochlorination (CDHC) reaction from a polychlorinated polyphenylene precursor. In their Communication (10.1002/anie.201611834) J.-F. Morin and co-workers shown the HGNRs have a large band gap compared to other GNRs and are highly emissive. Such a well-defined helical GNR structure opens up new opportunities for applications in host–guest chemistry, molecular electronics, and sensing.