

# ADVANCED FUNCTIONAL MATERIALS



## SUPERCAPACITORS

The design and fabrication of graphene-based micro-supercapacitors are reported on page 4501 by Majid Beidaghi and Chunlei Wang. Addition of carbon nanotubes (CNTs) between the graphene sheets and the arrangement of electrodes in a side-by-side structure increases the accessibility of electrode materials. A two-step fabrication of electrodes based on electrostatic spray deposition (ESD) and photolithography lift-off is explained. The fabricated devices show exceptional high rate capability and frequency response. Image courtesy of Kristy Jost.