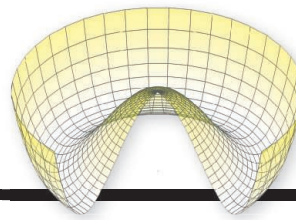


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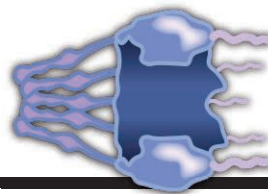
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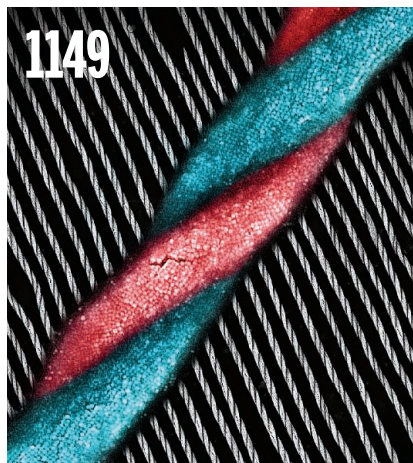
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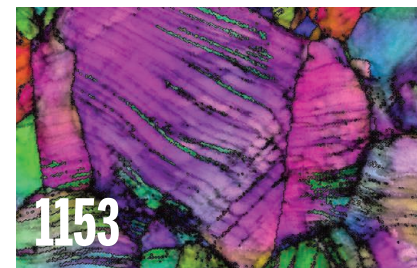
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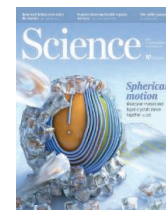
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ON THE COVER



Artist's impression of
how a monolayer of
aligned microtubule
filaments is assembled
on the inner leaflet of
a lipid bilayer. Powered
by molecular motors,
liquid crystalline
microtubules generate
dynamic states that include sustained
oscillations of topological defects and
shape-changing materials with streaming
filopodia-like protrusions. See page 1135.

Image: *Christoph Hohmann, Nanosystems
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