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Abstract for an Invited Paper
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Nematic Order in Two-Dimensional Electronic Fluids in magnetic Fields¹

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I will review the experimental evidence and theoretical underpinnings of nematic order in two-dimensional electronic fluids in magnetic fields where there is strong evidence both in the compressible and in the fractional regimes. I will also comment on the role of nematicity in other systems such as high T_c superconductors and in layered ruthenates.

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