

RSC Applied Interfaces

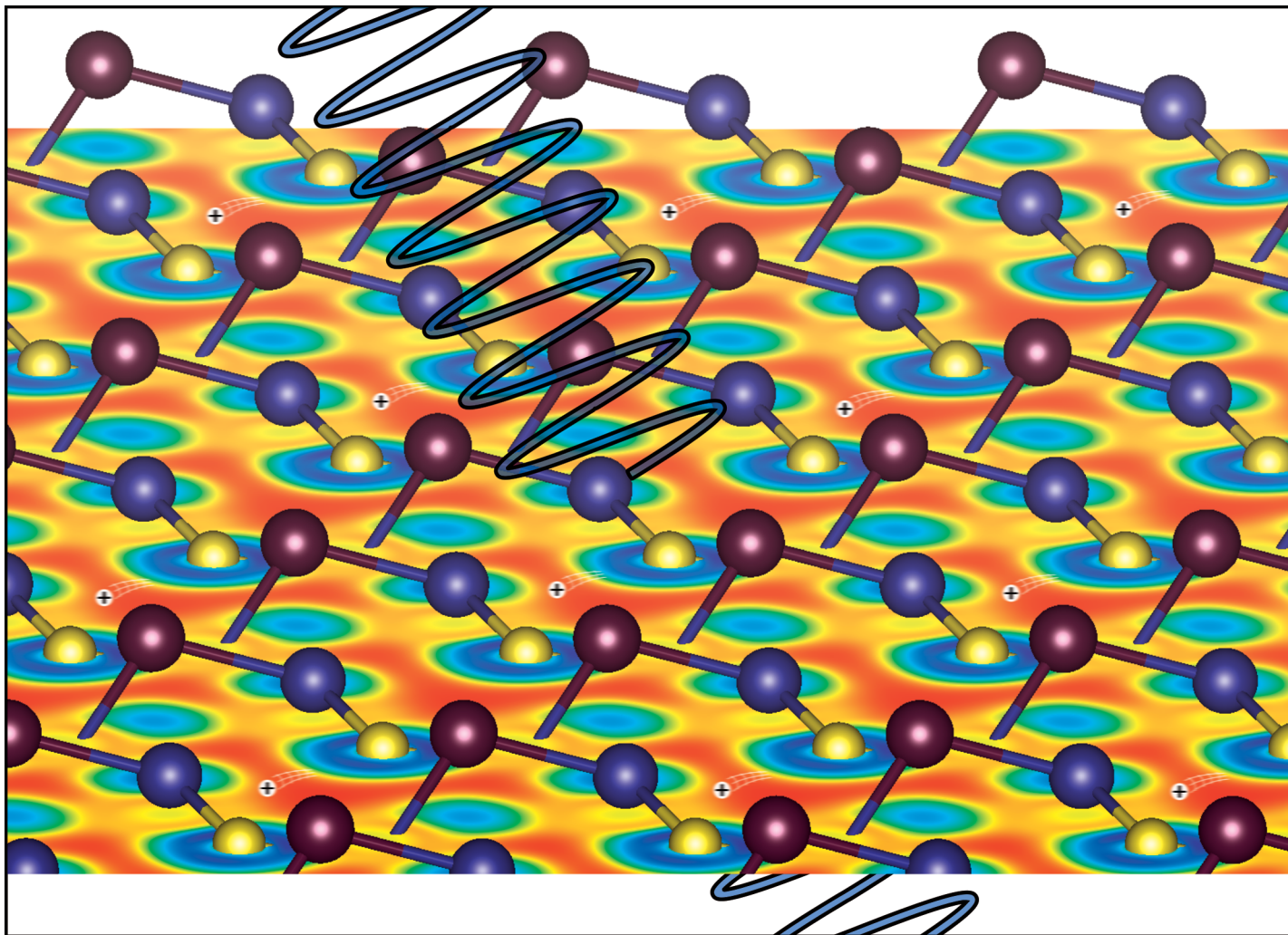
GOLD
OPEN
ACCESS

**Interfacial and surface research
with an applied focus**

Interdisciplinary and open access

rsc.li/RSCApplInter

**Fundamental questions
Elemental answers**

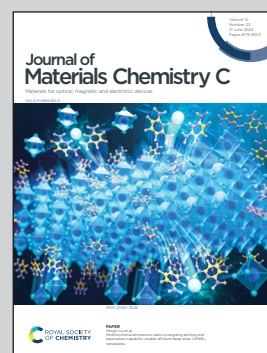


Predictions of materials properties performed at the Friedrich Schiller University Jena and Ruhr University Bochum in Germany.

Computational prediction and characterization of CuI-based ternary p-type transparent conductors

The ternary phase diagram of copper and iodine with sulfur or selenium was calculated across the whole composition range using density functional theory. This work led to the identification of new stable compounds that show promise for transparent electronics, as they combine outstanding transmission of visible light with high hole mobilities.

As featured in:



See Silvana Botti *et al.*,
J. Mater. Chem. C, 2024, **12**, 8320.