

EES Catalysis

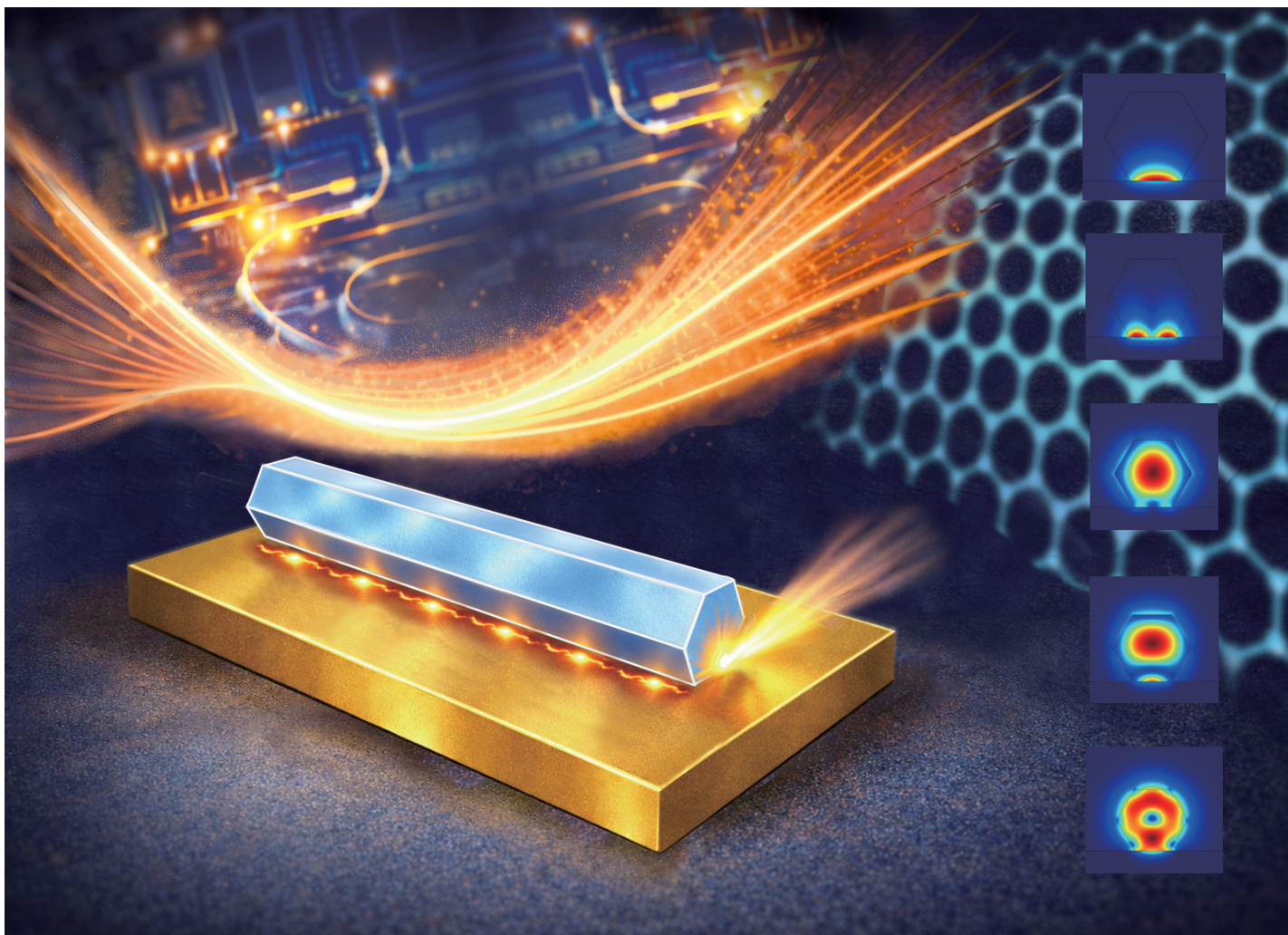
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Fundamental questions
Elemental answers



Showcasing research from Prof. Tien-Chang Lu's group at Advanced Nanophotonics Lab, National Yang Ming Chiao Tung University, Taiwan.

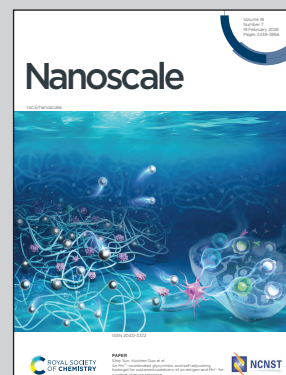
Deterministic mode analysis for InP plasmonic nanowire lasers

Deterministic mode identification in InP plasmonic nanowire lasers is achieved by correlating measured spectra with simulated effective indices. The approach clarifies mode evolution on SiO₂, Au, and graphene/Au, enabling reliable nanolaser design for dense photonic integration.

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As featured in:



See Tien-Chang Lu *et al.*, *Nanoscale*, 2026, **18**, 3575.