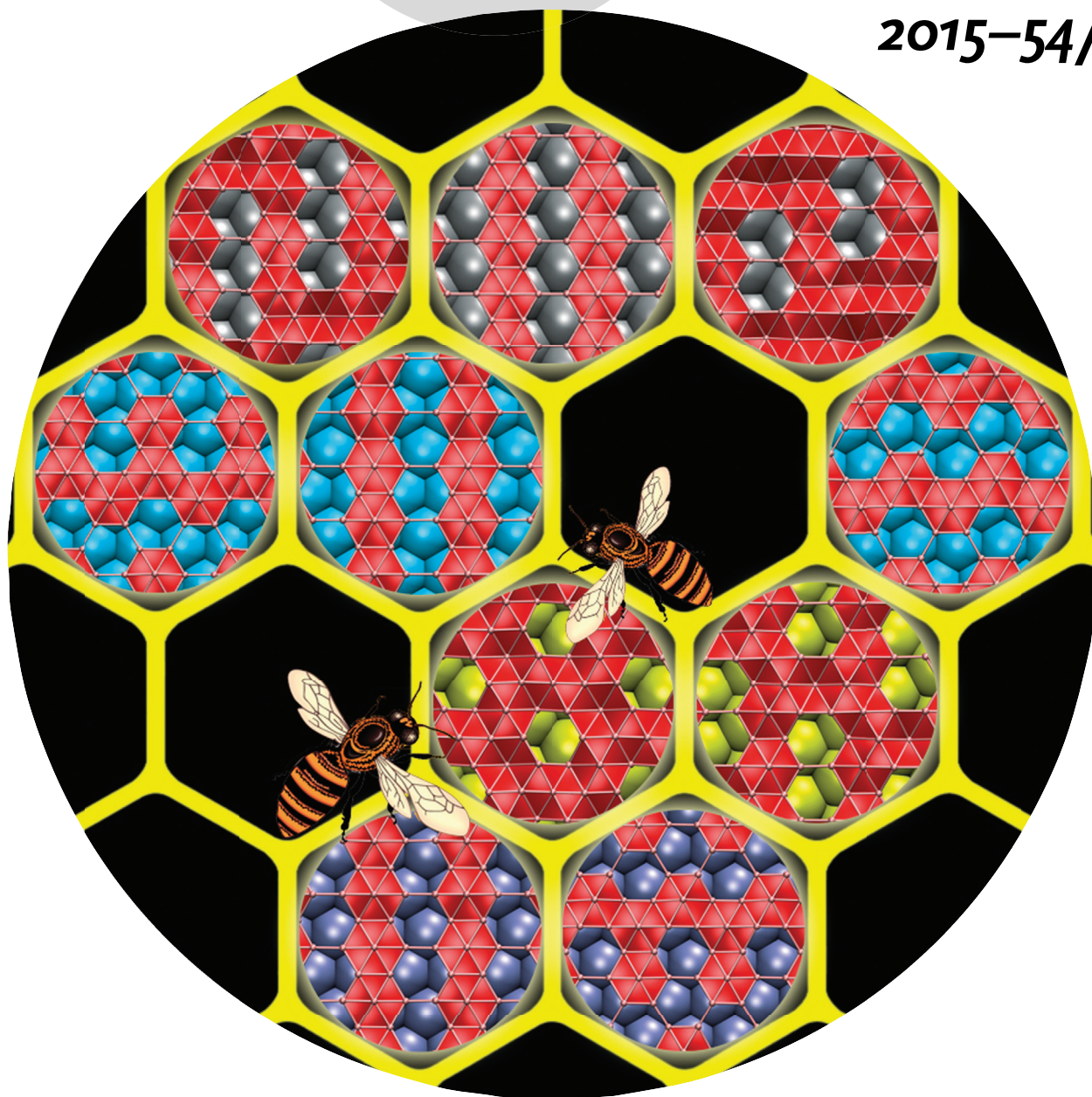


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2D boron has been proposed ...

... to follow a honeycomb grid when deposited on a metal surface. However, in their Communication on page 13022 ff., B. I. Yakobson et al. show theoretically that pure boron is the first 2D material that varies its structure depending on the metal substrate: on Cu, Au, or Ag different boron sheets should be formed making it different from 2D graphene or hexagonal boron nitride which have an exclusively honeycomb lattice when deposited on different metal substrates.

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