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- working on small scales

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Speaker of Session 24

ENERGY IMPACT OF SUPERCONDUCTORS



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He is a computational condensed matter physicist. He has developed crystal structure prediction codes using the density functional theory and applied the theoretical techniques to high-pressure materials science. He has predicted pressure-induced structural phase transitions and superconducting transitions in simple systems, i.e. hydrogen, calcium, gold, carbon, phosphorus, oxygen, iodine, argon, etc.

