

# Important questions I

Where does the word pnictide come from?

The pnictogens: N, P, As, Sb, Bi.  
From the Greek word pniktos  
(suffocate) πνίκτός

How do you pronounce it?

' nik' tīd

# Important questions II

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1. What properties of pnictides inform us as to where to look for higher temperature superconductors?
2. Is there nesting of Fermi surfaces in the actual materials and what conclusions can be drawn from the answer?
3. Is there a resolution of the conflicting results on the pairing symmetry and why is it important?
4. Is there orbital order in the antiferromagnetic state and does it matter?
5. What is the nature of the quantum criticality and will it tell us anything about the superconductivity?