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First-principles study of V(1+x)S(2-x) monolayer

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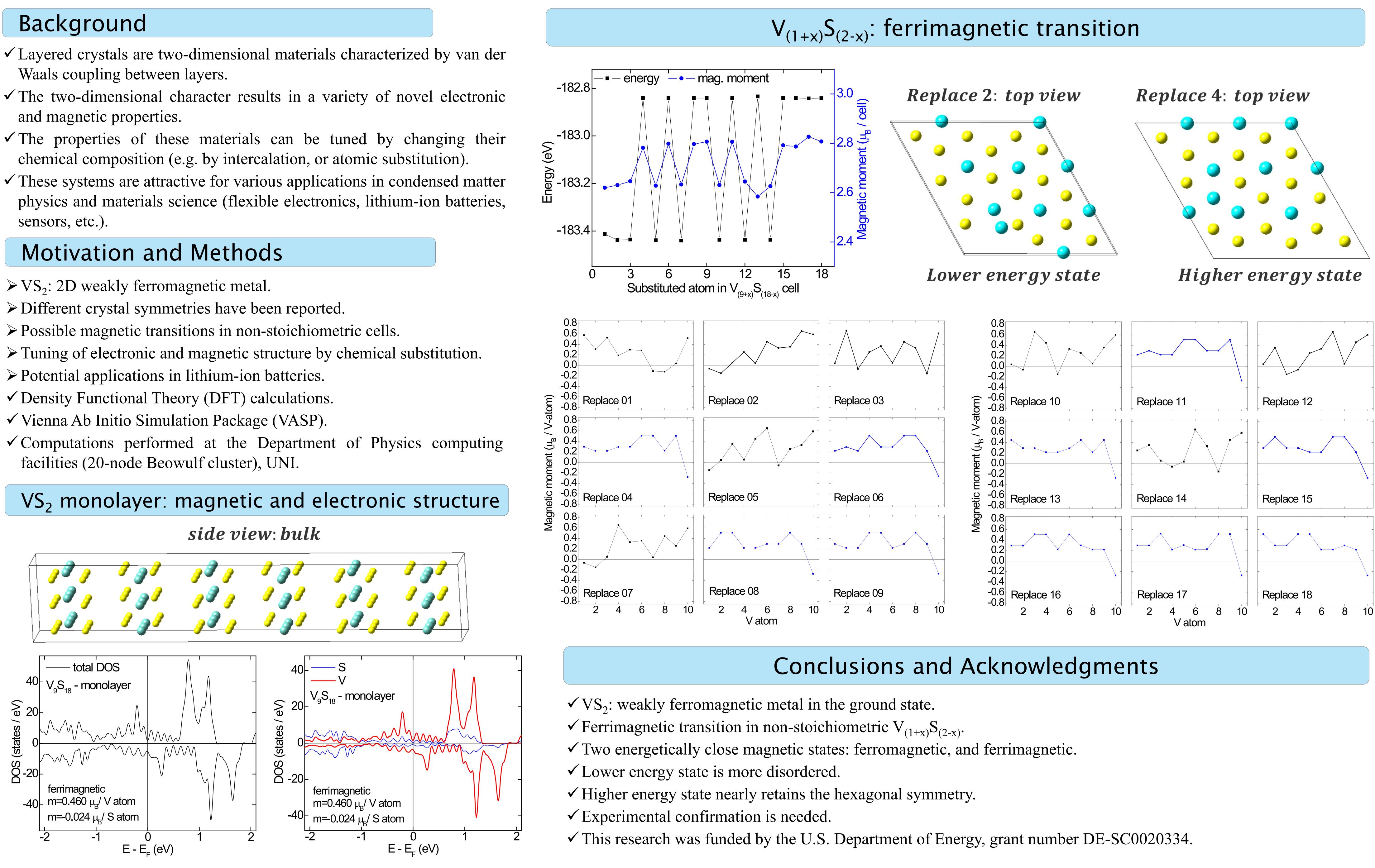
Adam Ramker, Evan O'Leary, and Pavel Lukashev



- Waals coupling between layers.
- and magnetic properties.
- sensors, etc.).

- > VS₂: 2D weakly ferromagnetic metal.
- > Different crystal symmetries have been reported.

- ✓ Density Functional Theory (DFT) calculations.
- facilities (20-node Beowulf cluster), UNI.

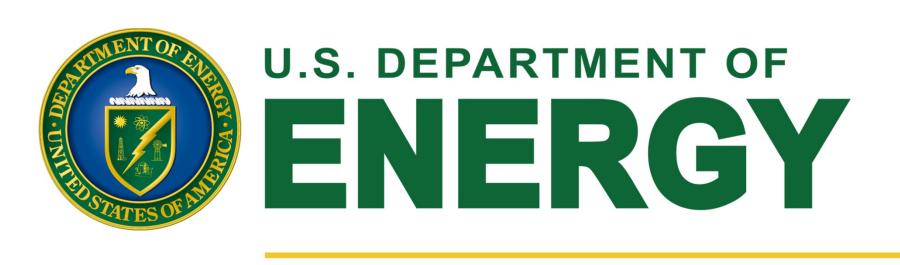


First-principles study of $V_{(1+x)}S_{(2-x)}$ monolayer

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