

“Synthetic Analogues for the Active Sites of the Hydrogenase Enzymes”



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Frontiers in Catalysis Science and Engineering Seminar Series

Presented by...

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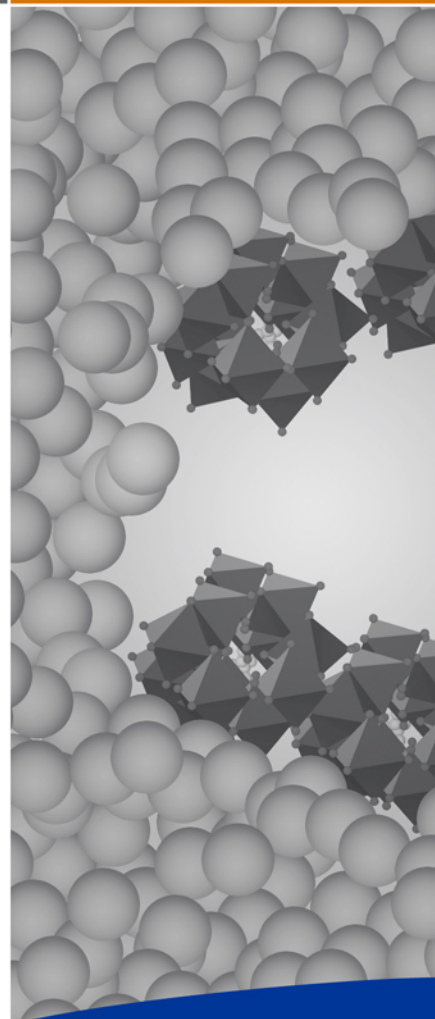
Abstract

The lecture will summarize recent progress in modeling the behavior of the hydrogenase enzymes. Emphasis will be on reactivity of reduced diiron and nickel-iron thiolates toward protons, oxidizing equivalents, and other electrophiles. Work on the FeFe models, which is more advanced, will show the importance of both the redox and internal base modules of this active site. Work on NiFe systems will highlight progress - the preparation of Ni-Fe-hydrides - and gaps.

More info?

<http://iic.pnl.gov/>

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February 28, 2011

EMSL Auditorium

10:00 am