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## Honeywell Performance Materials and Technologies

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Molecular modeling: bridging the link between		
chemical composition and per	formance	Honeywell
<ul> <li>Molecular modeling should be integrate improve predictions         <ul> <li>Fills-in the atomistic understanding and how cl contributes to performance (i.e. identify what ca -Immediate Needs:                  <ul></ul></li></ul></li></ul>	ed with other models to nemistry (and chemical structure in initiate and propagate failure? dels into larger scales and into li nysical properties in engineering account chemical and property of	s) ') fe models changes.
•Materials Genome Initiative (DOE/DOD/NFS/NIST)2X Faster, 2X Cheaper -What's the best way to get the right materials chemistry into engineering models and products faster? -Software? Data bases? Informatics? Standards etc?? All also identified issues in the ITRS roadmap		
Is Nanoscale Hype?Not to molecular modeling, where the perspective has always been nanoscale.		
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