

Heterogeneous Catalysis by Nanocluster Powders

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NPRL

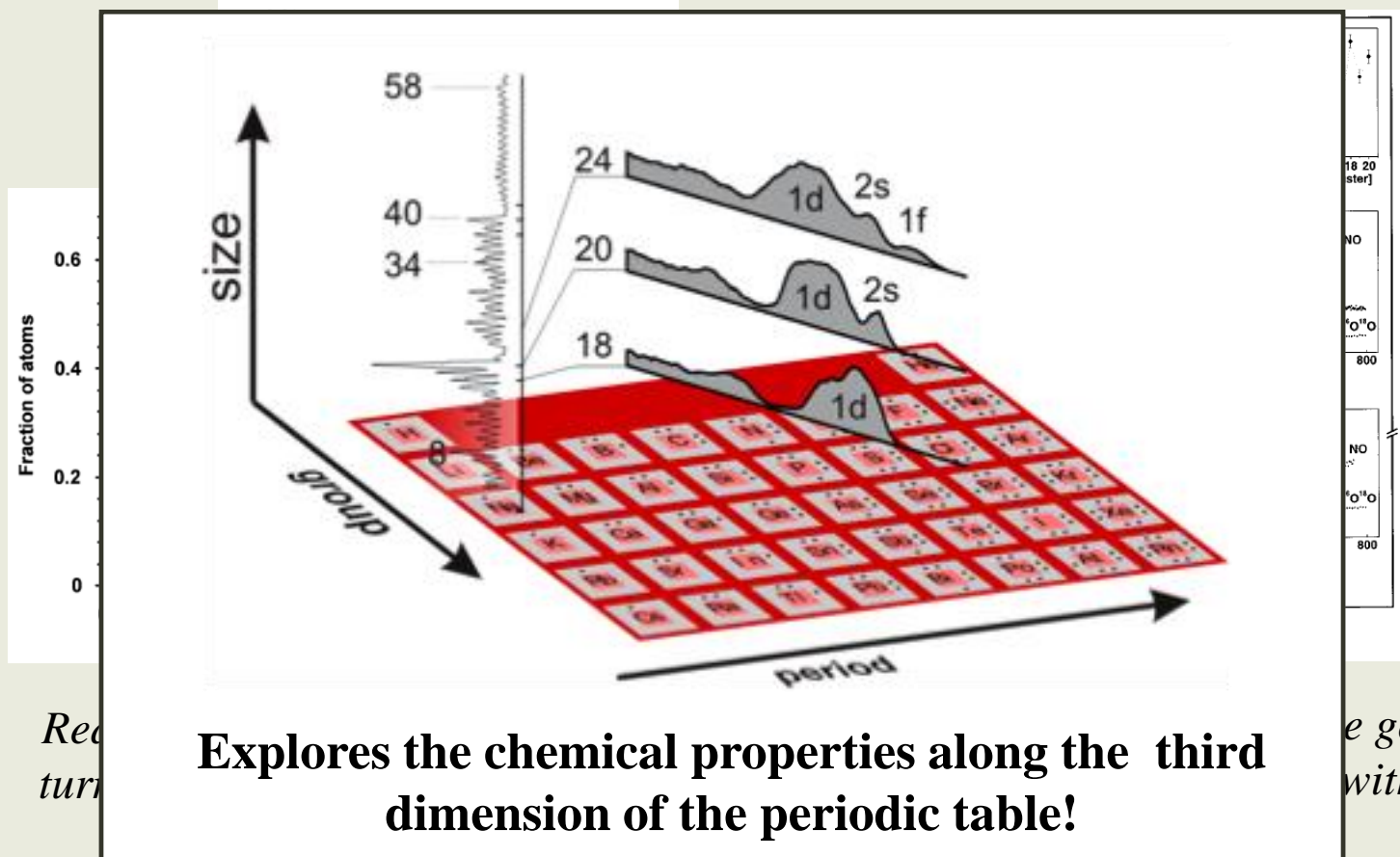
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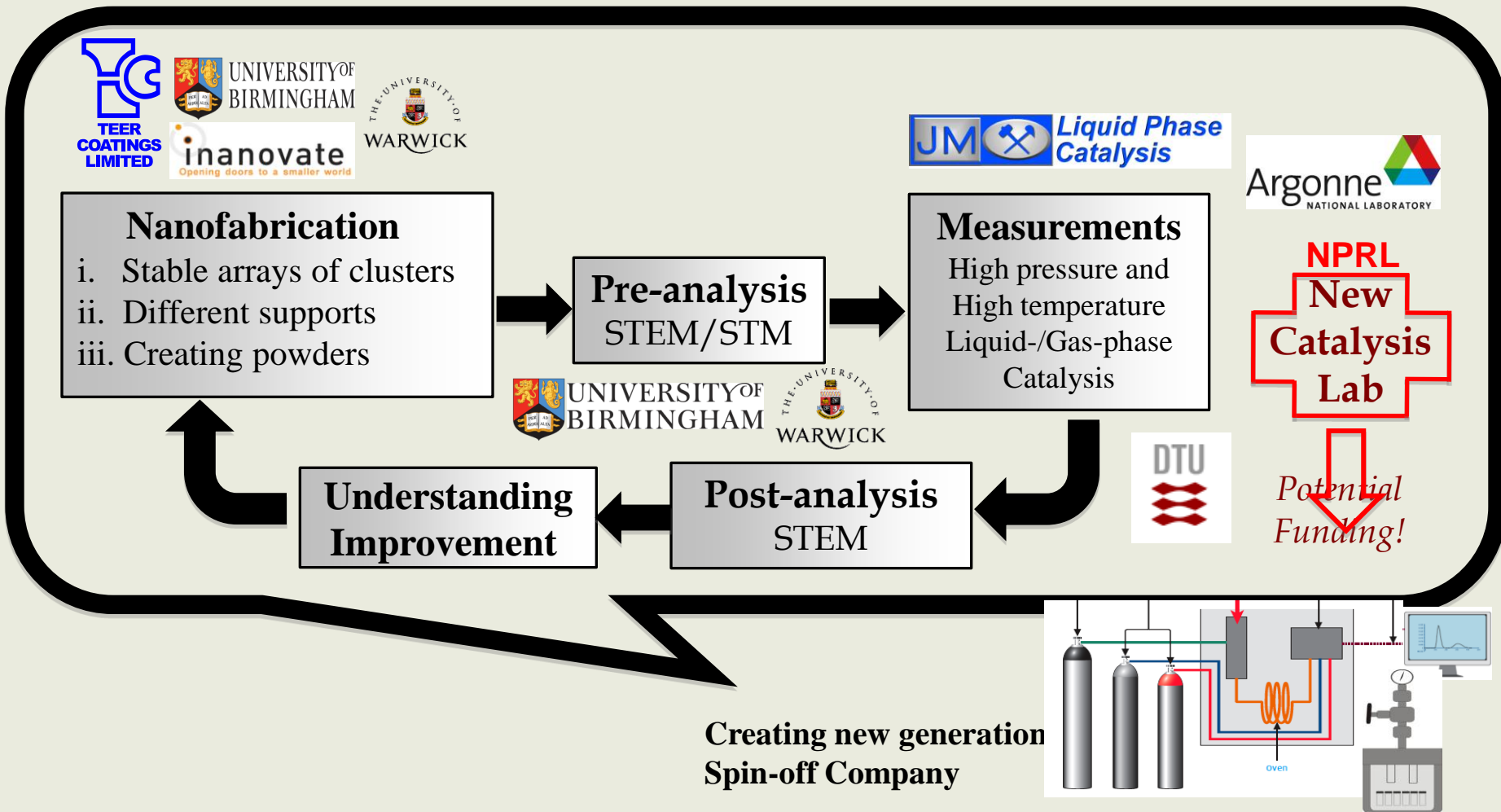
www.advantagewm.co.uk

Size- and support-dependency in catalysis

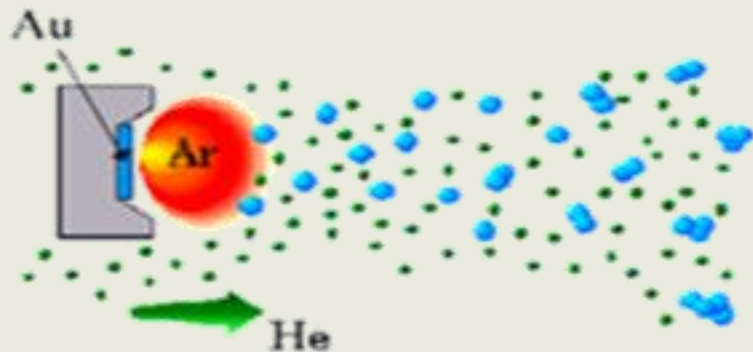


Rec
turn

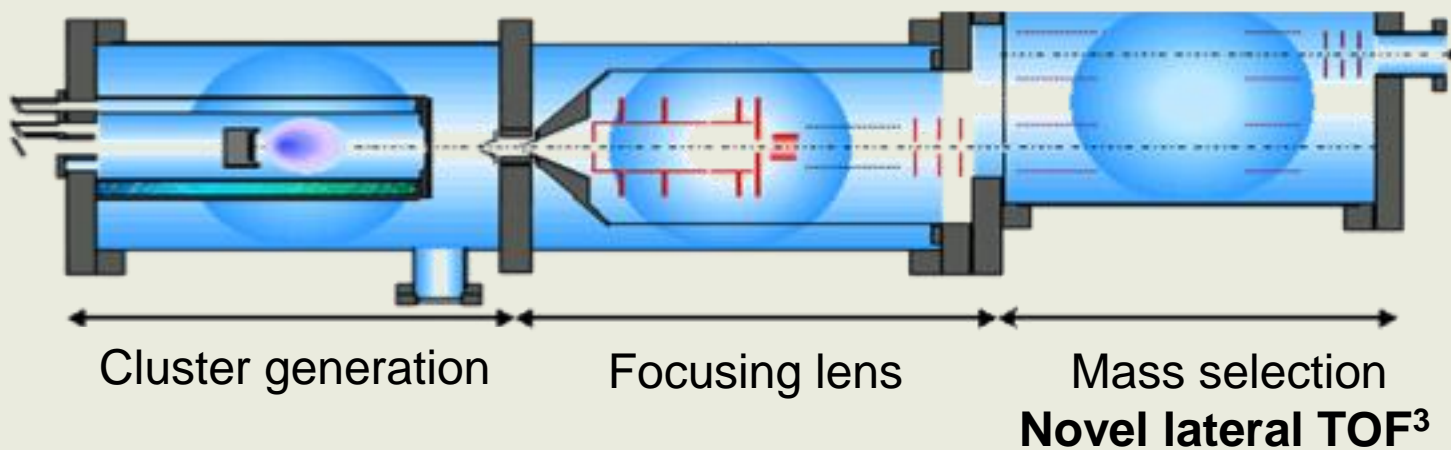
the gold
with an



Size-selected Nanoclusters

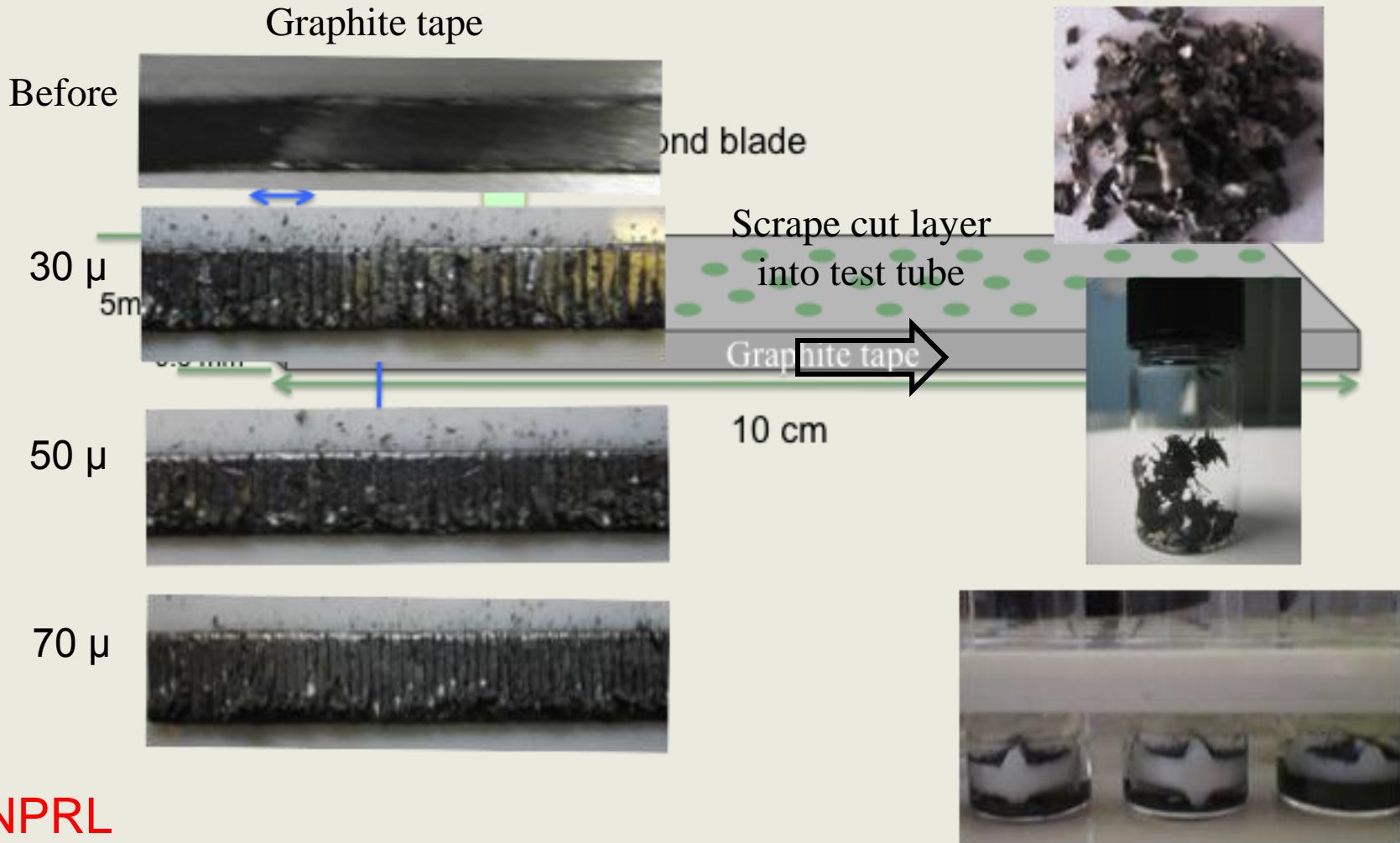


RF magnetron plasma sputtering source¹



Nanocluster powders

- Creating powder catalysts using Si wafer dicing technology:



- Liquid-phase catalysis with nanocluster powders under realistic reaction conditions
- Exploring size and support effects on catalytic performance
- Coupling catalytic performance with 3D atomic structures