

# The Energy Materials Laboratory

הפקולטה להנדסה  
ע"ש איבי ואלדר פליישמן  
אוניברסיטת תל אביב

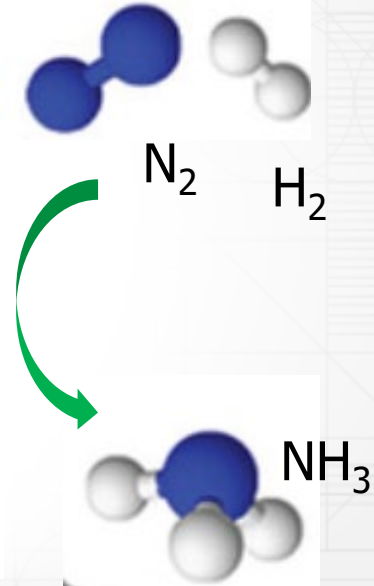
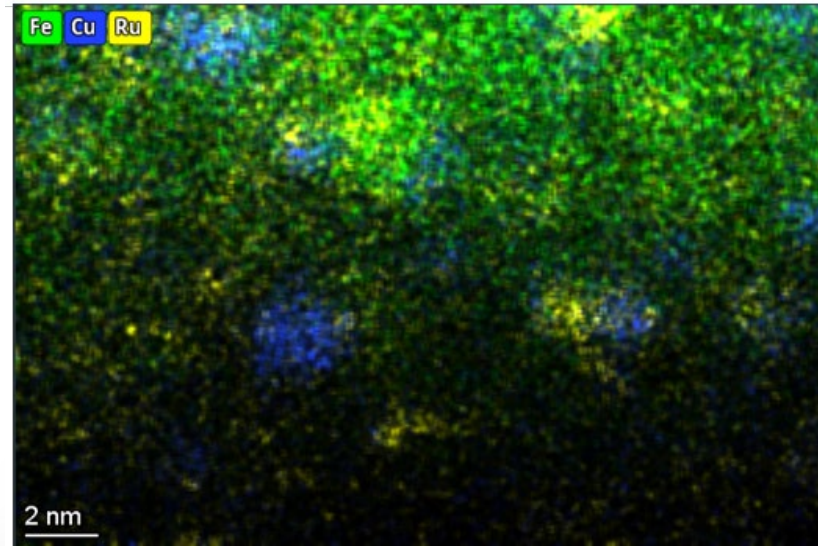
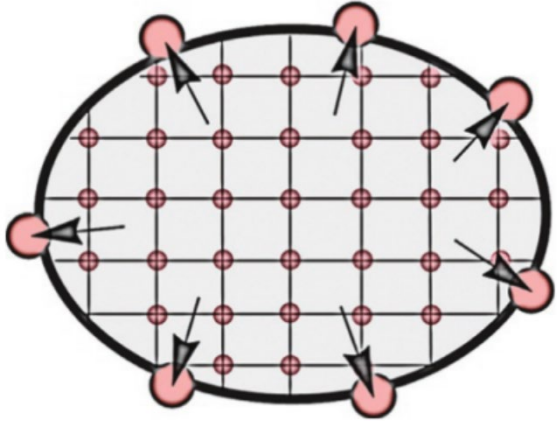


## Professor Brian Rosen

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*Areas of interest: catalysis, fuel cells, hydrogen and green fuels, Operando X-ray techniques*



**Exsolution** is the process by which metal **nanocatalysts** are grown by selective reduction and phase separation from within a mixed metal oxide

Exsolving metals within the immiscibility region of oxides leads to nanometric trimer catalysts for highly effective **low-pressure green ammonia production**