RUI: Catalytic Aerogel Materials (CAMS)

(DMR Proposal #1206631)

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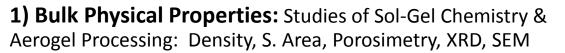
CAMs have the potential to transform automotive pollution mitigation methods by replacing rare precious metals in automotive exhaust after-treatment technologies.

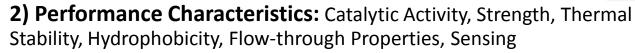












**3) Ultimate Application:** CAMs as 3-way Catalysts under Realistic Conditions: Casting on Support Structures, Strengthening, Catalytic activity in final forms

Percent decrease in HC, CO and NO at a space velocity ~18 s<sup>-1</sup> for an un-optimized Ni-Al aerogel.



