

# Stardust in the Laboratory

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Presolar grains recovered from primitive meteorites preserve the isotopic record of nucleosynthesis in individual stars. Our group has used laser resonant ionization mass spectrometry (RIMS) to measure the isotopic compositions of Cr, Fe, Ni, Sr, Zr, Mo, Ru, Ba, and Nd in presolar SiC and graphite to constrain models of nucleosynthesis in AGB stars and core-collapse supernovae. I will discuss recent and planned future isotopic studies of presolar grains and their implications for stellar nucleosynthesis.

Wednesday

April 22

4 P.M.

Rm 118 NSH

Refreshments @  
3:30 in 202 NSH