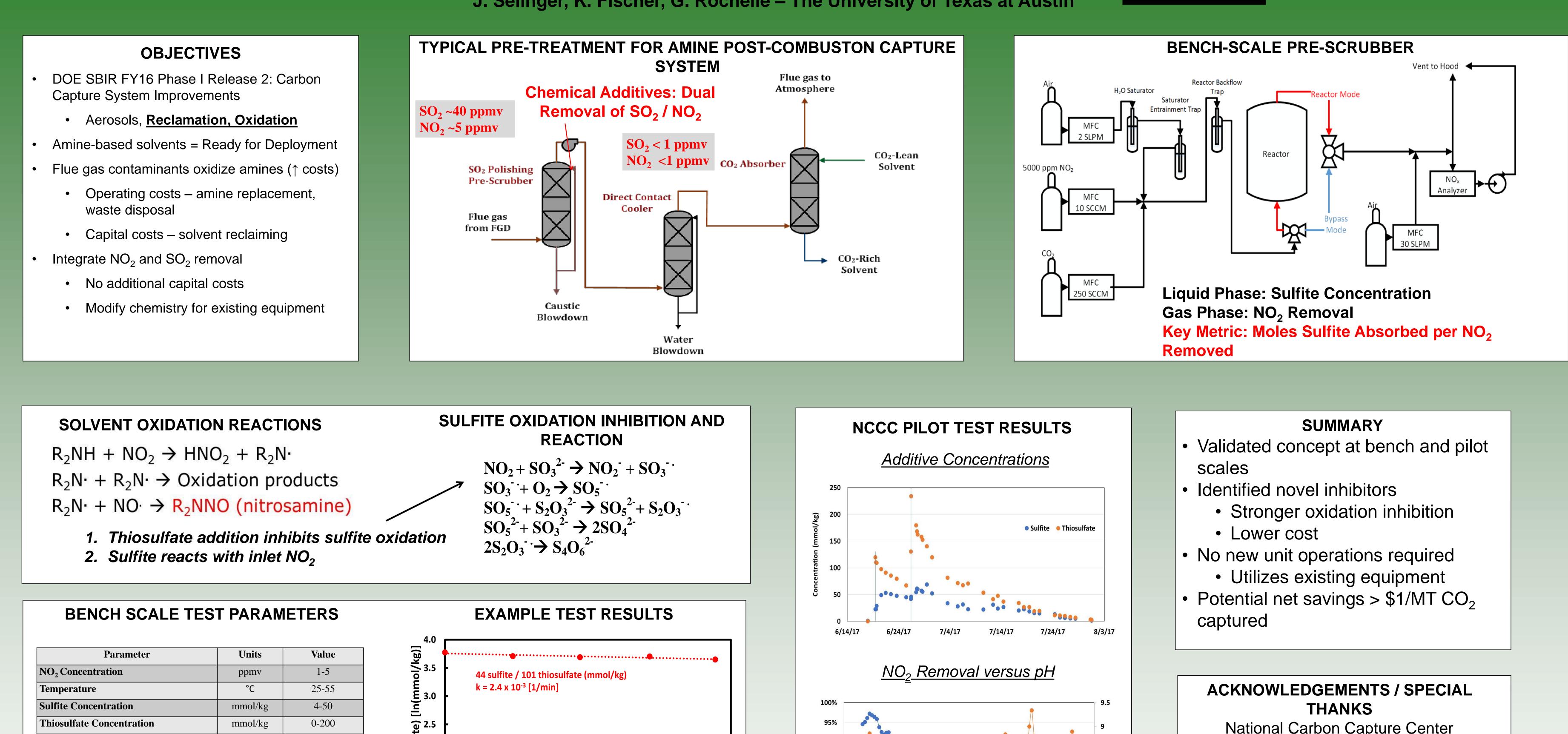
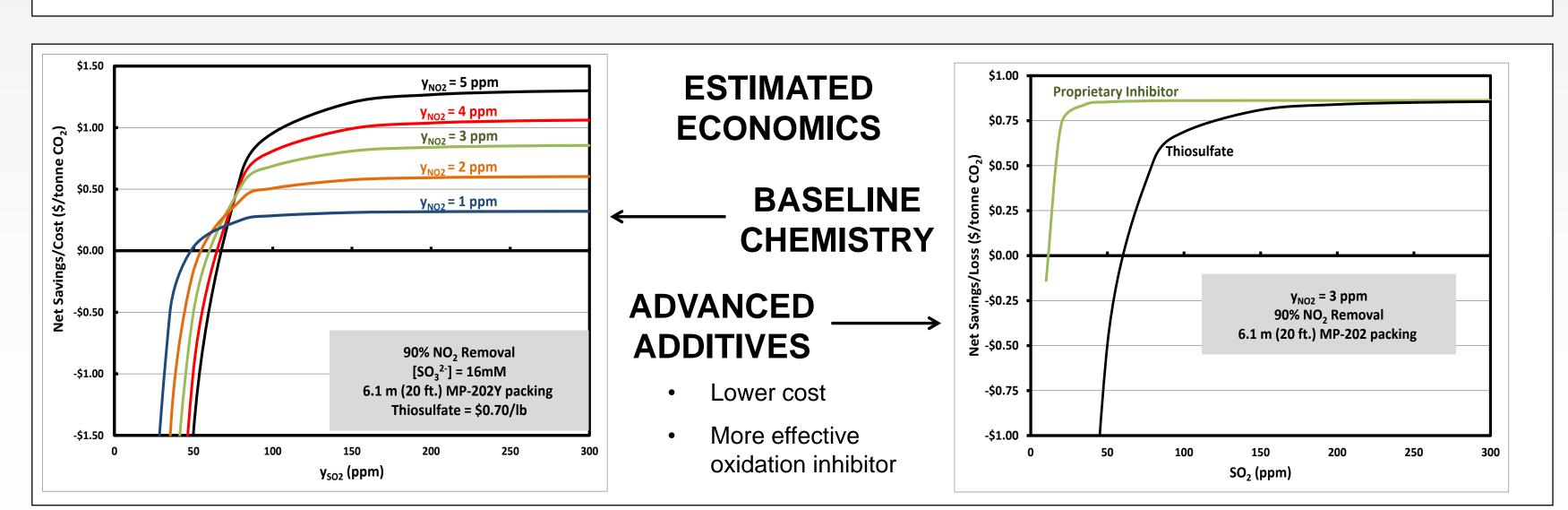


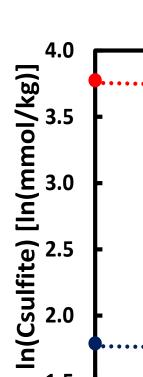
RIMERIC CORPORATION

The University of Texas at Austin



| Parameter | Units | Value |
|-------------------------------------|---------|---------|
| NO ₂ Concentration | ppmv | 1-5 |
| Temperature | °C | 25-55 |
| Sulfite Concentration | mmol/kg | 4-50 |
| Thiosulfate Concentration | mmol/kg | 0-200 |
| Tertiary Amine Concentration | mmol/kg | 5-200 |
| Metals Concentration | mmol/kg | 0.1-0.5 |
| EDTA Concentration | mmol/kg | 0.02-1 |

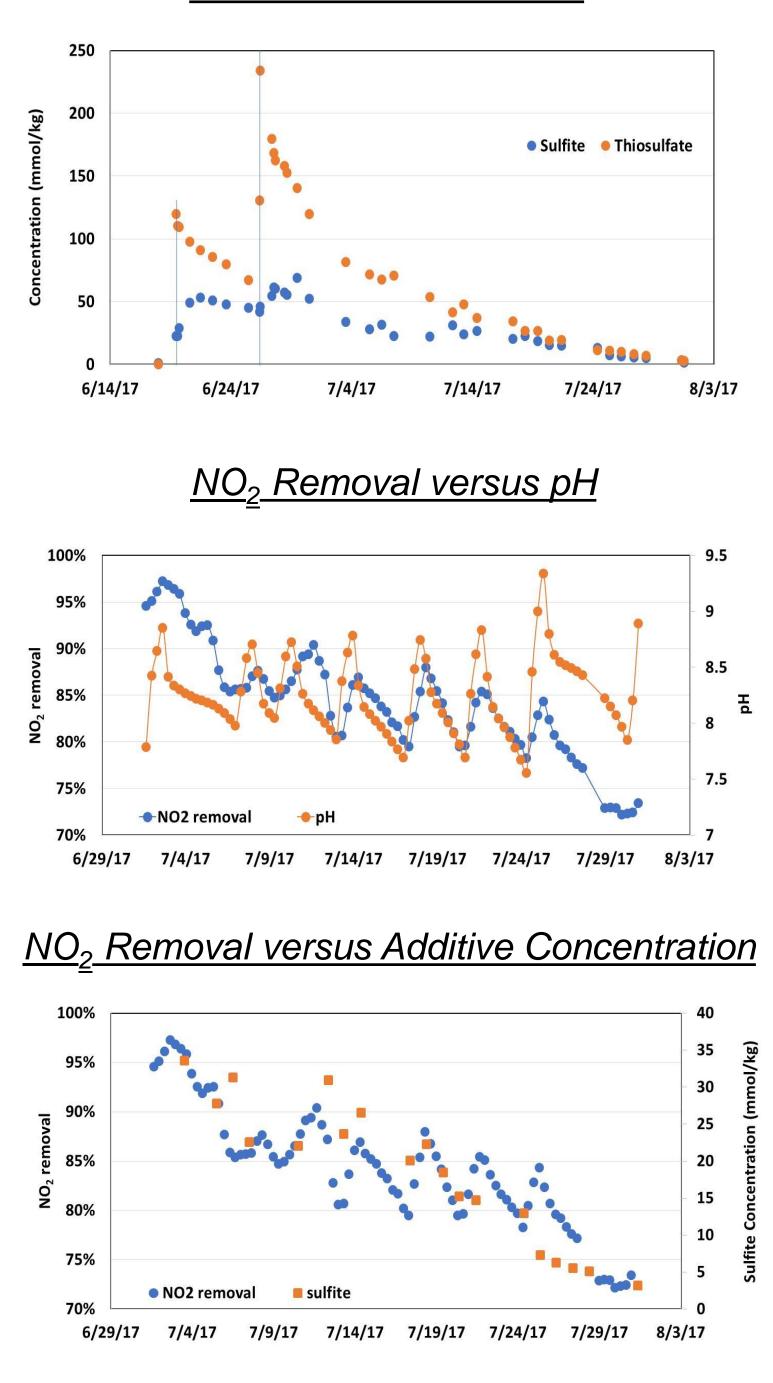




Minimizing Solvent Oxidation With NO₂ Prescrubbing

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6 sulfite / 98 thiosulfate (mmol/kg) $k = 1.5 \times 10^{-3} [1/min]$ Time (min)











National Carbon Capture Center Justin Anthony, John Carroll

U.S. Department of Energy Project Manager: Bruce Lani

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DISCLAMER

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