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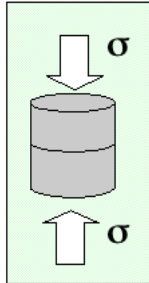
# Compact Electrochemical Bi-functional $\text{NO}_x/\text{O}_2$ Sensors with an Internal Reference for High Temperature Applications

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**Poster Location: P-17**



### Experiments

- Relatively low joining temperatures:  
 $1100 \leq T \leq 1350^\circ\text{C}$ .
- Moderate strain rates in constant-strain-rate tests (Ar or air):  
 $\dot{\epsilon} \approx 10^{-5} \text{ s}^{-1}$ .
- Near-net-shape process:  
 $\epsilon_{\text{max}} < 10 \%$ .

