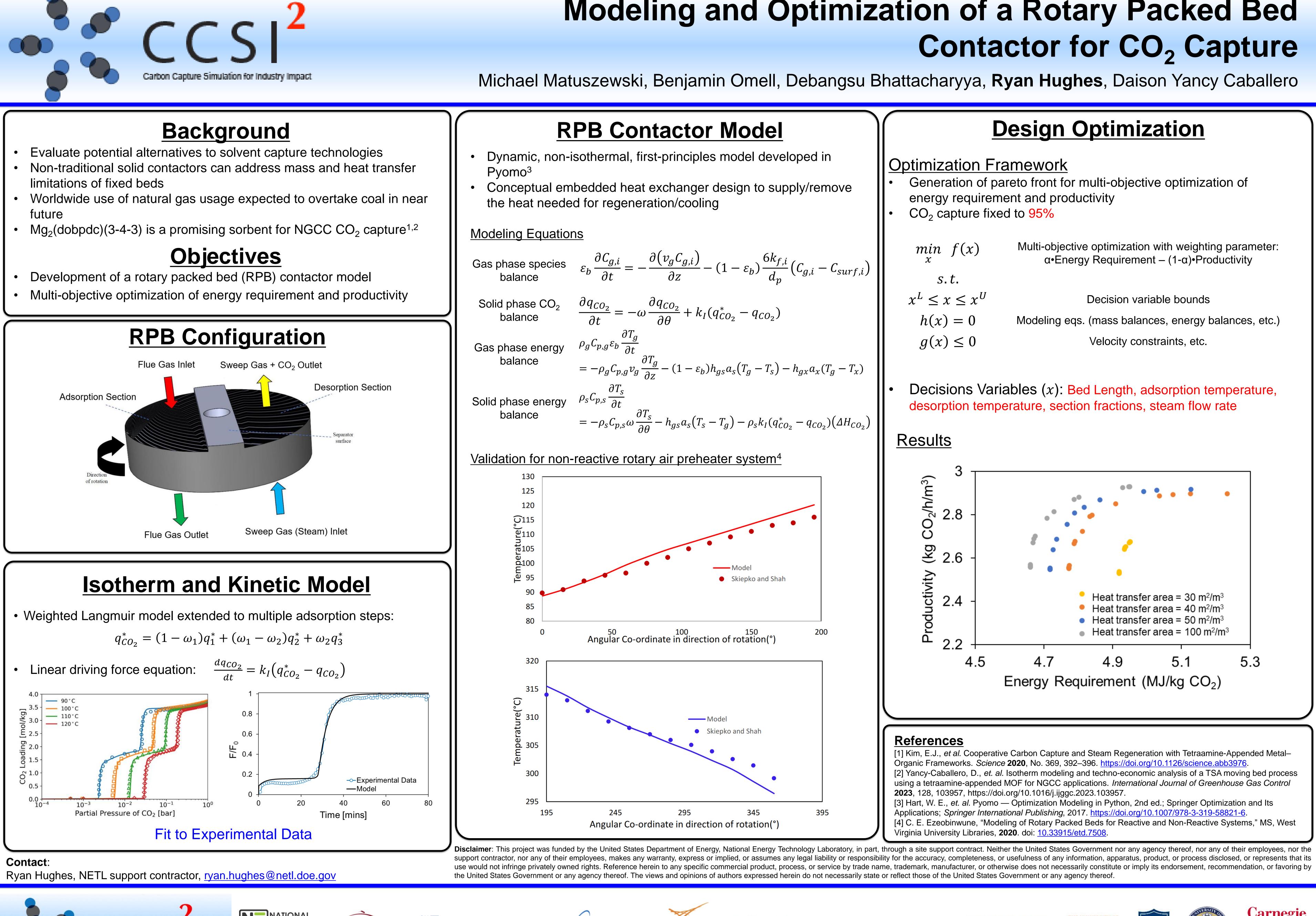


- limitations of fixed beds
- future



$$q_{CO_2}^* = (1 - \omega_1)q_1^* + (\omega_1 - \omega_2)q_2^* + \omega_2 q_3^*$$
• Linear driving force equation:
$$\frac{dq_{CO_2}}{dt} = k_1(q_{CO_2}^* - q_{CO_2})$$

$$\frac{40}{90^{+}} = \frac{90^{+}}{10^{+}} = \frac{100^{+}}{10^{+}} = \frac{100^{+}}{10^{+}}$$







Modeling and Optimization of a Rotary Packed Bed



















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