

# Yong Zhang's challenge details for challenge:

## Solar Prize Round 6

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### Explanation

Molecular dynamic simulation for ion transport in a solid

Battery design and characterization

Halide perovskite material deposition

Device processing

### Key Needs

- Manufacturing (3 / 5): *No explanation*
- Fabrication & Prototyping (4 / 5): *No explanation*
- Funding & Investments (5 / 5): *No explanation*
- Testing and Validation (4 / 5): *No explanation*
- Science, Research and Development (4 / 5): *No explanation*
- Product Design (4 / 5): *No explanation*

### Matches

1. [Circuit Launch](#): 87.78%
2. [Positive Deviancy](#): 87.75%
3. [Larta Institute](#): 87.75%
4. [GoSun](#): 87.73%
5. [New Mexico Clean Energy Resilience and Growth](#): 87.73%
6. [BlochSoft Technologies Inc](#): 87.72%
7. [Center for Future Energy Systems \(CFES\) at Rensselaer](#): 87.03%
8. [Zpryme](#): 86.15%
9. [Swift Coat Inc](#): 85.07%
10. [IoT Conduit](#): 84.62%