**Project Summary:**

A clear and concise description of the technical approach (methods) used to solve one of the two Challenges.

**Technical Challenge:**

Describe the technical Challenge this proposal will solve, a detailed description of the approach(s), and how this approach will solve the Challenge. This should contain a discussion of how this approach compares against the state of the art.

**Validation:**

Provide any evidence on why you believe this solution will solve the challenge. This can be test results, samples, citations or other relevant literature. All citations need to be accessible to the judging committee.

**Material Data Description:**

Provide a summary of the digital data that was used for this solution and verification that it was submitted to the Repository.

Do not include any personally identifying information on this submission form

Material Data will be submitted here:

<http://nist.matdl.org/dspace/xmlui/>