**SRP AM Challenge Results Questionnaire**

Please provide the following information about your challenge results approach:

1. **Researcher information**
   1. Contact Name:
   2. Organization:
   3. Email Address:
2. **Calibration data used**
   1. From provided sources:
   2. From external sources:
3. **Analysis software**
   1. Name and version:
   2. Formulation (FEA, Finite Volume, etc):
   3. Thermal analysis fitting tool (if used):
   4. Thermal solver (if different from FEA software):
   5. Solid mechanics analysis fitting tool:
   6. Solid mechanics solver if different from FEA:
   7. Other:
4. **Time integration and physics coupling**
5. **Mesh discretization**
   1. Element size:
   2. Element type:
6. **Thermal model details**
   1. Heat source type:
   2. How did you calibrate your heat source?
   3. Boundary conditions:
   4. Material addition/activation strategy:
7. **Structural model details:**
   1. Boundary conditions:
   2. Yield function:
   3. Hardening law:
   4. Use of rate dependence:
   5. Use of temperature dependence:
   6. Isotropic/kinematic hardening:
   7. Material addition/activation strategy:
   8. Modelling of repeated melting/solidification:
8. **Briefly summarize your approach:**
9. **List any assumptions not covered by previous questions:**