

View results

Respondent
20 Anonymous

00:07
Time to complete

1. Internal assessor's e-mail: *

pmb39@cam.ac.uk

2. Internal assessor's full name: *

Philip Blakely

3. External assessor's full name: *

Michail Anastopoulos

4. Student's full name *

Silong Li

5. Project Title *

Magnetohydrodynamic simulations in complex geometries

Report 1 - Assessment (joint)

Please liaise with the other assessor after the Mid-term Research Presentations to complete the sections below.
You must ensure the sections are completed according to the project's own marking scheme.

For each section, please add your jointly agreed mark. If there are fewer than 7 sections in the marking scheme, please insert "N/A" for the un-needed sections.

EXAMPLE:

Section 1: *Introduction and literature review* 8/10

Section 2: *Mathematics, physics, chemistry, engineering etc. theory* 7/10
etc

Link to the project descriptions folder: <https://bit.ly/projdescr23-24>

6. Section 1 *

Lit. review: 7/10

7. Section 2 *

Mathematical theory: 8/10

8. Section 3 *

Numerical methods: 7/10

9. Section 4 *

Validation: 8/10

10. Section 5 *

Write-up quality: 7/10

11. Section 6 *

N/A

12. Section 7 *

N/A

13. **Overall Mark (out of 50) ***

37

14. Which aspects (if any) should the student focus on to improve their performance?

A deeper understanding of the MHD wall-boundary condition would be useful, as well as deeper description of the fusion reactor and mathematical model.

15. Additional comments (optional)

Code has clearly been written and validated against existing results. More careful validation, e.g. checking wall boundaries have no effect on solution could be helpful (also implementing ghost-fluid extrapolation). Specifying resolution and other simulation parameters in the report would also help.