

## EARLY STAGE ASSESSMENT (ESA) FORM

### 9 months for full-time students/18 months for part-time students\*

Please read the guidance notes before completing this form.

Section B of this form is to be completed by the independent assessor(s); Section C by the Supervisor(s) and Section D by the Director of Postgraduate Studies\* or nominee.

Please tick one box where requested.

#### SECTION A – To be completed by the Department

Student's Name:	Wilf SHORROCK		CID: 01381227
Department:	Physics		
Name(s) and department(s) or affiliations(s) of Supervisor(s):	Yoshi Uchida, Department of Physics		
Title of research project (if known):	Neutrino Physics at T2K		
	High Energy Physics		
Research Group:			
Has ethical approval for the research been agreed?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
Is this the first early stage assessment for this student?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Please indicate whether student is registered for a PhD or MD(Res)	PhD <input checked="" type="checkbox"/> MD (Res) <input type="checkbox"/>
If NO, please give date of previous Early Stage Assessment (ESA):	/ /	Date of initial PhD or MD(Res) registration:	/ /
<b>Professional Skills Attendance Requirements</b> <b>For students registered on or after 1<sup>st</sup> October 2016</b> [For students registered before the start of October 2016 departments are advised to contact the Graduate School to check the requirement]			
By the Early Stage Assessment a student must have completed: <ul style="list-style-type: none"> <li>• a minimum of 2 professional skills courses plus the online plagiarism awareness course</li> <li>OR</li> <li>• A Graduate School retreat plus the online plagiarism awareness course</li> <li>OR</li> <li>• An international doctoral summer school plus the online plagiarism awareness course</li> </ul>			

\* Please note, milestones for students registered part-time may differ from those listed.

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Please note that by the Late Stage Review, students must have completed a further two Graduate School courses.

*A full list of Graduate School courses completed by the student is attached to this form as Appendix A.*

**Has the student completed the College's professional skills development requirements?**

YES ☒ NO ☐

**Has the student completed the College's compulsory online Plagiarism Awareness online course?**

YES ☒ NO ☐

#### **Postgraduate English Requirements**

After registering for their PhD, all international students will be assessed by the Centre for Academic English unless they have a level of English proficiency equivalent to an 8.0 in IELTS or above. Should a student score less than 45% in English Assessment 1, they will be required to take two eight week courses: Academic Writing 1 and Academic Writing 2. After completing these courses, the student will be re-assessed. A progress report is then sent to the department and should be attached to this form as part of Appendix A.

YES ☒ NO ☐

i. Is the student exempt from the PGR English Language requirement?

If NO:

YES ☐ NO ☐

ii. Did the student achieve 45% or higher in English Assessment 1? [if yes, no further action is needed]

If NO:

YES ☐ NO ☐

iii. Did the student attend Academic Writing 1 and 2 and has adequate progress now been made?

If your answer to iii is NO, please ensure the student is referred back to the Centre for Academic English for continuing support.

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**SECTION B: To be completed by the independent assessor(s)****Date of Examination: 20 / 07 / 18****1. Comments on the written report:**

The report was written in a rather informal way rather than a more formal style as would be expected for a scientific document. There were several places where further detail would seem appropriate; these included matter effects, the Super-FGD readout, and some justification of the selection cuts. The report also needs clarification in some areas.

Overall Assessment (mark one):

☐ Poor☐ Satisfactory☒ Good☐ Very Good**2. Comments on the oral examination:**

The student was questioned on various parts of the report. He had difficulty putting the material of the report into context and in particular was not able to describe well the connection to the theory or the detector technical details. Also, he did not seem confident about some aspects of his own work; one example was the Super-FGD calibration where he was uncertain about whether the first visible peak was the pedestal or single-photon signal; the text states the latter but no separate pedestal is visible.

Overall Assessment (mark one):

☐ Poor☒ Satisfactory☐ Good☐ Very Good**3. Comments on the plan of future work:**

The initial research plan did not have enough detail to judge how realistic the thesis plan is. An updated version was supplied later. This has more detail on the expected tasks and their schedule. This seems realistic although it emphasises more technical aspects, rather than a physics analysis, as the main part of the thesis work.

Overall Assessment (mark one):

☐ Poor☒ Satisfactory☐ Good☐ Very Good**4. Please provide answers for the following:**

a) Does the student understand the research problem adequately at this stage?

YES ☒ NO ☐

b) Has the student a critical awareness of the relevant literature on the subject?

YES ☒ NO ☐

c) Has the student the capacity to pursue research?

YES ☒ NO ☐

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**5. Do you recommend that registration for the PhD / MD(Res) can continue?**YES ☒ NO ☐

[Please note: For students whose initial registration is on or after 1<sup>st</sup> October 2012 continuation is conditional on completion of the prescribed professional skills development training (see section A of this form). If the student has not met the professional skills attendance requirement, transfer to MPhil should be recommended].

**If NO, what course of action do you recommend? (tick one)**

1) Re-submit [by 11 months of initial registration]



YES ☐ NO ☐

2) Transfer to MPhil registration (not applicable for MD(Res))

YES ☐ NO ☐

3) Fail/withdraw

YES ☐ NO ☐**Signatures of Independent Assessors**

Assessor's Signature:		Date: 23/07/18
Name (Block Capital):	Ulrik EGEDE	Department: Physics
Assessor's Signature:		Date: 23/07/18
Name (Block Capital):	Paul DAUNCEY	Department: Physics

**The completed form should be returned to the Supervisor(s) together with a copy of the student's report.**

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**SECTION C – To be completed by the Supervisor(s) following the ESA assessment**

[Supervisors should discuss this section of the form with their student prior to completion].

Feedback from the Supervisor(s) to the student on the ESA Assessment outcome and future research activities:

Feedback and discussion between the Supervisor(s) and the student on the student's training and development. Supervisors may wish to cover the following as part of this conversation:

- departmental and technical courses completed by the student and future training
- Graduate School professional skills courses completed (see appendix A) and those recommended prior to the Late Stage Review
- If appropriate, creating a Data Management Plan for research to be undertaken,
- Other training and development opportunities

Supervisor's Signature		Date: 24 July 2018
Name (Block Capital)	YOSHI UCHIDA	Department: PHYSICS
Co-supervisor's Signature		Date:
Name (Block Capital)		Department
Co-supervisor's Signature		Date:
Name (Block Capital)		Department:
Student's Signature		Date: 24 July 2018
Name (Block Capital)	WILF SHORROCK	Department: PHYSICS

FEEDBACK ON THIS REVIEW ~~RECEIVED~~  
RECEIVED 24/7/18

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**SECTION D – Recommendation of Director of Postgraduate Studies (or nominee)**

<b>Do you recommend the registration for the PhD/MD(Res) should continue:</b>  <b>If NO, what course of action do you recommend?</b>  1) Re-submit [by 11 months of initial registration ]  2) Transfer to MPhil registration (not applicable to MD(Res))  If transfer is recommended, please give reason: <ul style="list-style-type: none"> <li>Non completion of professional skills development training</li> <li>Academic performance</li> </ul> 3) Fail/withdraw		YES <input type="checkbox"/> NO <input type="checkbox"/>  YES <input type="checkbox"/> NO <input type="checkbox"/>  YES <input type="checkbox"/> NO <input type="checkbox"/>  YES <input type="checkbox"/> NO <input type="checkbox"/>  YES <input type="checkbox"/> NO <input type="checkbox"/>
Signature of Head of Group		Date:
Signature of Director of Postgraduate Studies or nominee:		Date:
Print name (block capitals):	Dr W Proud	

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**Appendix A: Training, Development and English language proficiency – to be completed by student and/or department ahead of the ESA assessment.**

Note: Departments and students are free to present this information in whatever format they choose. Below is a suggested template only.

Graduate School Courses attended [please list]

Teams and communication retreat

Technical and other training completed [please list]

Plagiarism awareness

RAFT

HEP Summer School (Sept 2018)

If applicable, report from the Centre for Academic English

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