

**APPLICATION FOR RESEARCH PROGRAMME APPROVAL**

*This form must be completed electronically and signed by all parties. Please insert answers in the grey boxes or click on choose an item to select from the drop down lists available.*

*Please note that the Doctoral Academy is unable to accept handwritten, incomplete or unsigned applications.*

*All documents including appendices must be submitted as one PDF document with appendices attached in the order listed at the end of the form.*

**SECTION 1 – APPLICANT’S PERSONAL DETAILS****Student ID No:** 816460**Date of Birth (dd/mm/yy):** 19/01/95**Surname:** Lisboa-Wright**Gender:** **Forename(s):** Alexander Hugo Fernando**Term time address:** Flat 36 Room 3, Liberty Atlantic Point, Naylor St, Liverpool, L3 6LS**Present post and place of work (if applicable):** PhD Student, Astrophysics Research Institute, Liverpool John Moores University**SECTION 2- QUALIFICATIONS, TRAINING AND EXPERIENCE****Qualifications** *(please include details of higher education qualifications only):*

Name of awarding body: The University of Manchester

Course completed: MPhys(Hons) in Physics

Full title of award as stated on degree certificate: Master of Physics in Physics

Classification of award: First-class honours

Date of award (dd/mm/yy): 11/07/17

Name of awarding body:

Course completed:

Full title of award as stated on degree certificate:

Classification of award:

Date of award (dd/mm/yy):

**Previous training and experience**

*Please include details of activities (with dates) relevant to this application, and of any research or other relevant papers, books, etc which have been published.*

*If you are applying to register for PhD direct please provide details confirming that your Masters' degree is in a discipline which is appropriate to the proposed research and that it included training in research and that it included training in research and the execution of a research project.*

**Academic Referees** *(please include the names and addresses of two external referees, if applicable):*

**SECTION 3 – FUNDING AND RESOURCES**

**Who is paying your tuition fees:**

If externally or match funded please provide the name of your external sponsor:

Science & Technology Facilities Council (STFC)

**SECTION 4 – RESEARCH PROGRAMME DETAILS**

**Faculty and School/Department or Research Institute:**

**Mode of Study:**

**Start date (dd/mm/yy):** 02/10/17

**I wish to register for the degree of:**

**Are you transferring your research degree award from another academic institution?**

*If yes please attach a letter from your previous academic institution confirming details of your previous registration and that you have withdrawn from the programme at Appendix 1.*

**Anticipated completion date(dd/mm/yy): 02/10/21**

**Proposed title of the research programme:**

**Rotation & levitation in stellar evolution modelling**

**Aims of the research programme:**

**Proposed plan of work:** *Please attach at Appendix 2 a copy of your proposed plan of work which must be no more than 4-6 pages long in Arial font / point 12. The plan should identify your proposed research questions, set out the research context, outline your methodology and clearly state how the work is original. You should arrange your plan under the following headings:*

- 1. Background and relationship to previous work;*
- 2. Outline of research area and key questions;*
- 3. How the research contributes to knowledge in the field;*
- 4. Proposed Methodology (how you plan to undertake the work).*

*This must be accompanied by the following documents:*

*A single page time-plan for the project (Gantt chart or similar) setting out your key research milestones to show feasibility of the programme within the appropriate registration period.*

*A bibliographical list of recent key academic references which details the leading research in the field.*

**Please confirm that all the facilities, equipment and funding required for the investigation, including overhead costs and consumables are available.**

*If no, please explain what arrangements / contingencies are in place to address this:*

**Collaborating Establishment (if applicable)**

*Please insert name of collaborating establishment and append a letter of support from the collaborating establishment to LJMU setting out the agreed arrangements between the 2 institutions at Appendix 3:*

Relationship between work to be undertaken in the collaborating establishment and that to be undertaken at LJMU or elsewhere

Are you registering under a formally approved collaborative award agreement between LJMU and another academic institution?

*If yes, please state the name of the other academic institution here:*

### **Ethical Approval**

Is ethical approval required?

**If ethical approval is required please confirm the stage(s) when it will be required (month(s)/year(s) to be inserted):**

## **SECTION 5 – TRAINING AND SKILLS DEVELOPMENT**

**Research Student Induction** *(please confirm if you have attended the Research Student Induction organised by the Doctoral Academy):*

**Research Ethics Training** *(please append a copy of your 'certificate of engagement' to confirm that you have completed the Introduction to Research Ethics training module on Blackboard at Appendix 4)*

**Training Needs Analysis** *(please confirm if you have completed a training needs analysis in conjunction with your Director of Studies):*

**Training and development requirements** (*please insert details of the agreed training and development opportunities identified*):

**Integrated programme of study** (*where such a programme is proposed details of the course of postgraduate study on which the candidate's performance is to be formally assessed are required*):

## **SECTION 6 – SUPERVISION ARRANGEMENTS**

*Please note that attendance at Research Supervisors' Workshop is a requirement for all supervisors who are new to research degree supervision and/or new to supervision of LJMU postgraduate research students.*

### **Director of Studies**

Name:  
Qualifications:  
Current post:  
Place of work:

*Experience of supervision of registered UK university research degree candidates:*

*Currently supervising as Director of Studies: Full Time: Part-Time:*

*Currently registered as 2<sup>nd</sup>/3<sup>rd</sup> supervisor for: Full Time: Part-Time:*

*Successfully completed supervision:*

*Previously supervised: UK university PhD candidates:*

*Previously supervised: UK university MPhil candidates:*

### **Second Supervisor**

Name:  
Qualifications:  
Current post:  
Place of work:

*Experience of supervision of registered UK university research degree candidates:*

*Currently supervising as Director of Studies: Full Time: Part-Time:*

*Currently registered as 2<sup>nd</sup>/3<sup>rd</sup> supervisor for: Full Time: Part-Time:*

*Successfully completed supervision:*

*Previously supervised: UK university PhD candidates:*

*Previously supervised: UK university MPhil candidates:*

**Third Supervisor** (if applicable)

Name:

Qualifications:

Current post:

Place of work:

*Experience of supervision of registered UK university research degree candidates:*

*Currently supervising as Director of Studies: Full Time: Part-Time:*

*Currently registered as 2<sup>nd</sup>/3<sup>rd</sup> supervisor for: Full Time: Part-Time:*

*Successfully completed supervision:*

*Previously supervised: UK university PhD candidates:*

*Previously supervised: UK university MPhil candidates:*

**Advisors** (please provide details of any other person(s) who will act in an advisory capacity)

**First Advisor** (if applicable)

Name:

Qualifications:

Current post:

Place of work:

**Second Advisor** (if applicable)

Name:

Qualifications:

Current post:

Place of work:

*A completed and signed RD41 must be attached at Appendix 5 for any proposed external supervisor(s) or advisor(s).*

**SECTION 7 – BACKDATING STATEMENT**

*Research degree programme approval is a formal milestone within a student's postgraduate research programme. Faculty Research Degrees Committees hold primary responsibility for reviewing student applications for registration prior to formal approval by the University Research Degrees Committee.*

*Applications for research degree programme approval are expected to be endorsed by local Faculty Research Degree Committees and submitted to the Doctoral Academy within the following time periods from initial enrolment:*

*Full-time students – up to 3 months*

*Part-time students – up to 6 months*

*Approval of applications received outside the stated normal periods will be at the discretion of the University Research Degrees Committee.*

*Applications received after these normal periods must be accompanied by a statement from the student's Director of Studies, endorsed by the Faculty RDC which provides an explanation for late submission including the following:*

- *Any mitigating factors for the late submission*
- *Evidence that the student is on track to complete their target award within the maximum registration period permitted under the University's Research Degree Regulations*

## **SECTION 8 – SIGNATURES**

### **Applicant**

I wish to apply for registration for the degree of

on the basis of the particulars given in this application.

I understand that, except with the specific permission of LJMU, I may not, during the period of my registration, be a candidate for another award of LJMU or any other University.

I understand that, except with the specific permission of LJMU, I must prepare and defend my thesis in English.

**Signed:**

**Date:** 10/01/18

### **Supervision Team**

We support this application and believe that this applicant has the potential to complete successfully the programme of work proposed.

We recommend that this applicant be registered as a candidate for an LJMU research degree.

**Signed** (*Director of Studies*):

**Date:**



LJMU RD9R 2017

**Signed** (*Second Supervisor*):

A handwritten signature in black ink, appearing to be "N. J. ...", written over a horizontal line.

**Date:** 10/01/18

**Signed** (*Third Supervisor*):

**Date:**

**Director of School/Head of Department or Research Institute**

I support this application for registration as a candidate for a research degree of LJMU. I am satisfied that the necessary resources are available and that adequate facilities will be provided to enable the applicant to conduct and complete the research programme in an efficient and safe manner.

**Signed:**

**Date:**

(*Director of School/Head of Department or Research Institute*)

**Recommendation by the Faculty Research Degrees Committee (FRDC)**

This application has been considered and approved by the FRDC.

**Signed:**

**Date:**

(*Chair of FRDC or other FRDC member in cases where the Chair is a member of the supervision team*)

**LIST OF APPENDICES**

**Appendix 1:** Confirmation of withdrawal from previous academic institution (*if applicable*)

**Appendix 2:** Plan of work including time plan and list of key academic references (*compulsory*)

**Appendix 3:** Letter(s) of support from collaborating establishment(s) (*if applicable*)





LJMU RD9R 2017



**Appendix 4:** Introduction to research ethics training certificate of engagement  
*(compulsory on-line training)*

**Appendix 5:** Completed and signed form RD41 for any proposed external supervisors or advisors *(if applicable)*

*All documents including appendices must be submitted as one PDF document with appendices labelled and attached in the order listed above.*

Please return the completed and signed form either by email as a pdf, by post or in person to: FRDC Secretary by the appropriate deadline.