

## UKCTRF-HEC kAU Request Pro forma

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Please complete all fields where appropriate.

All fields marked \* are mandatory.

### Title \*

Please provide a brief descriptive title for the requested allocation.

### UKCTRF Work Package \*

Which work package is the work related to? If work spans more than one work package please submit separate requests (this is to help auditing of work). For all work packages see <http://www.ukctrf.com/about-us/work-packages/>.

Do you have any existing Archer time allocation as part of a Research Grant? \*

- Yes  
 No

If you have answered 'Yes' please indicate the amount of kAUs

### Total kAUs required \*

Please enter the total kAUs required to undertake your work. Please refer to <http://www.archer.ac.uk/access/au-calculator/> for the calculation.

### Staff Involved: Main Investigator \*

Please state the Supervisor of the proposed work?

Title	First	Last	Suffix
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

An email address is required for the Main Investigator \*

### Research Staff Involved

Please state research staff involved below

Title	First	Last	Suffix
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Phd Student or Postdoctoral**

Please select one option that applies to the above named collaborator:

**Research Staff Involved**

Please state research staff involved below

Title	First	Last	Suffix
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Phd Student or Postdoctoral**

Please select one option that applies to the above named collaborator:

**Research Staff Involved**

Please state research staff involved below

Title	First	Last	Suffix
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Phd Student or Postdoctoral**

Please select one option that applies to the above named collaborator:

**Name of Code**

Please state which code will be used:

**Brief Description of Code**

Brief description of code e.g. high-order finite difference, spectral etc. This is not required for recognised UKCTRF code\*

\*Codes well known to the UKCTRF (e.g. SENG, BOFFIN etc).

**Code Assessment \***

Has the code been assessed for efficiency/scaling by Daresbury?

Technical description of proposed work

please provide a brief technical description of planned simulations (<100 words)

#### kAUs requested

Calculation i.e. core count and run time. How did you determine the total KaUs needed?

#### Target Conferences/journals

Where do you anticipate results will be presented e.g. Combustion and Flame, Combustion Sci. Technol., Physics of Fluids, conferences.....

#### What data will be produced suitable for Dissemination?

- (i) via public UKCTRF database or
- (ii) via the RDF Storage Facility provided by EPSRC

Before submitting please read the following and select from the dropdown menu. \*

I am agreeing that I will be submitting a report and present in a review meeting based on the research carried out using this computational time allocation at the end of this allocation. I will also supply information related to annual progress report, final project report, and images for the website timely, when requested.

**Data Protection Statement:** The information submitted via this form will be used by Newcastle University and can only be accessed by University staff. The information will be held for a limited period of time and will be used for events, where necessary. For further information about data protection, including how to access your personal data, please go to <http://www.ncl.ac.uk/data.protection/>

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Concerns and technical questions about this form should be directed to [it.servicedesk@ncl.ac.uk](mailto:it.servicedesk@ncl.ac.uk)