

## Summer of HPC Awards Quantitative Evaluation Process

The Summer of HPC is a PRACE outreach initiative, which gives students the opportunity to spend a summer abroad working at a top HPC research centre. Participants complete a project based on PRACE technical or industrial work (where possible) and produce a visualisation that can be used in future outreach activities. Participants in the Summer of HPC will compete for two awards, Best HPC Ambassador and Best Visualisation. The Best HPC Ambassador award is presented to the participant who embodies the outreach spirit of the programme. The Best Visualisation Award is presented to the participant who creates the most eye-catching and informative visualisation during the Summer of HPC Programme. At the Summer of HPC (SoHPC) Adjudication Panel meeting on the 23<sup>rd</sup> of July, the panel defined the adjudication process to be used but they acknowledged that a more quantitative approach would have been preferable; this document outlines the qualitative process.

### Best HPC Ambassador Award

For each Best HPC Ambassador award applicant the information is collected by the SoHPC Coordination Team and made available to the Evaluation Panel. It includes:

- A **biography**, including name, age, area and level of study.
- A list of all their **blog posts**.
- A self-report or **statement**, stating why they feel they should win, listing any external media publications and any different or unique contributions they have made.
- Their ranking in the **student vote**, where the students vote for their fellow applicants.
- The number of **cumulative unique visitors** on their posts.
- The number of times they had most popular or **top weekly post**.

The evaluation criteria and their weights are listed below. Assessments are from one to five, with one representing an excellent assessment and five representing a poor assessment. For binned criterion five bins are used. A High weighted criterion has a weight of one, a Medium of two, and a low of three.

Criteria	Description	Weight
<b>Blog</b>	Average assessment by evaluators on the quality of applicant's blog posts.	<b>High</b>
<b>Statement</b>	Average assessment by evaluators on the commitment of the applicant to the HPC Ambassador role.	<b>High</b>
<b>Reach</b>	A binned large-small ranking of the sum of the unique visitors for the applicants blog posts.	<b>High</b>

<b>Student Vote</b>	Ranking of the student's vote.	<b>Medium</b>
<b>Top post</b>	A binned large-small ranking of the number of times an applicant's post was the weekly top post.	<b>Low</b>

### Best Visualisation Award

For each Best Visualisation Award applicant the information below is collected by the SoHPC Coordination Team and made available to the Evaluation Panel.

- The **visualisation** or visualisation still.
- A **video** of student presentations of their visualisations.
- Their **final report** for the project.
- A **technical review** written by the Technical Student Support Coordinator, which evaluates the technical challenges and achievements of the project.
- A **Project Mentor assessment**.
- A self-report or **statement**, stating why they feel they should win.

The evaluation criteria and their weights are listed below.

<b>Criteria</b>	<b>Description</b>	<b>Weight</b>
<b>Visualisation</b>	Average assessment by evaluators on the quality of the visualisation, video and report in the context of its visual impact, its accessibility to the target audience and its technical achievements.	<b>High</b>
<b>Technical review</b>	Assessment by Technical Student Support on the technical challenges and achievements of the project.	<b>Medium</b>
<b>Mentor assessment</b>	Assessment by Project Mentor of the applicant's performance.	<b>Low</b>
<b>Statement</b>	Average assessment by evaluators on the usefulness of the outreach material.	<b>Low</b>