FARADAY CUP

Award 2024

The Faraday Cup Award is a prestigious award given to individuals who have made significant contributions to the development of an innovative beam diagnostic instrument. The award recognizes those who have demonstrated the workability of their device through actual performance and have published their contributions to the scientific community.

The Faraday Cup is a device used to measure the current of charged particles in a beam. It is named after the British physicist Michael Faraday, who discovered the principle of electromagnetic induction. The cup is typically made of a conducting material, such as copper or stainless steel, and is placed in the path of the particle beam. The particles ionize the material, causing a current to flow, which is measured and used to determine the properties of the beam.

www.faraday-cup.com

Deadline for submission:

Feb. 29, 2024



To be eligible for the Faraday Cup Award, the device must be an innovative beam diagnostic instrument that has been proven to work through actual performance. The device must also have been published in a recognized scientific journal or conference proceedings, demonstrating the contribution to the scientific community. The award is given to individuals or teams who have made significant contributions to the field of beam diagnostics and have shown exceptional technical skill in the development of their device.

IBIC 2024 BEIJING CHINA