



INNOVATIVE BEAM INSTRUMENTATION AWARD

FARADAY

CUP

2016

BEAM DIAGNOSTIC INSTRUMENT

A device to measure the properties of charged elementary particle, atomic or simple molecular beams during or after acceleration, or the properties of neutral particle beams produced in an intermediate stage of charged particle acceleration. The device may operate by detecting secondary beams of charged, neutral, massive or mass less particles. But its purpose should be to diagnose the primary charged particle beam. The mass of primary beam particles shall be no greater than the order of 1000 atomic mass units.

DELIVERED PERFORMANCE

The performance of the device should have been evaluated using a charged particle beam, rather than in a "bench top" demonstration.

NOMINATIONS

The nomination package shall include the name of the candidate, relevant publications, a statement outlining his/her personal contribution and that of others, letters from two professional accelerator physicist, engineers or laboratory administrative personnel who are familiar with the device and its development. To submit, follow instruction at http://www.faraday-cup.com/Submit_for_2014.html

Disclosure: The Award Committee may release the names of entrants and a list of publications related to an entry if requested by a third party. Unpublished supporting material will not be disclosed nor will the names of persons supporting a nomination. Discussion regarding individual entries, scoring, etc. is regarded as confidential and will not be disclosed.

ELIGIBILITY

Nominations are open to candidates of any nationality for work done at any geographical location. There are no restrictions for candidates, with the only exception that they cannot be members in charge of the IBIC Program Committee. In the event of deciding between works of similar quality, preference will be given to candidates in an early stage of their beam instrumentation career. The award may be shared between persons contributing to the same accomplishment. Once accepted by the Award Committee a nomination shall remain eligible for two successive competitions unless withdrawn by a candidate.

BARCELONA, SPAIN