

Proposed by the Subcommittee consisting of Howard Nicholson, Graham Smith and Gabriella Sciolla

**Awards for Excellence in Instrumentation Research and Development
given by the Division of Particles and Fields of the American Physical Society**

Description: There are two honorary annual awards:

An award for a senior or mid-career physicist, engineer, or scientist who has made a widely recognized and significant contribution to High Energy Physics instrumentation development during his or her career;

An award for a junior scientist, preferentially given to a postdoc but which could also be given to an untenured university faculty member or national laboratory staff member who has shown great promise for instrumentation research and development. The award would be limited to scientists who were within 8 years of receiving his/her PhD.

The award to the senior or mid-career physicist, engineer, or scientist would be to a person who would give the award considerable prestige within the High Energy Physics community. The award to the junior investigator is expected to make a useful and important contribution in helping the award winner pursue his/her future scientific career goals.

The awards will be chosen by a prize committee of five people, three members from the Coordinating Panel for Advanced Detectors (CPAD), and two members of the Division of Particles and Fields executive board. The committee would encourage members of the Division of Particles and Fields to submit annual nominations for both awards. The awards would be presented at the spring meeting of the American Physical Society and again at the subsequent meeting of the Division of Particles and Fields.

Initially CPAD members of the prize committee would have terms of 2, 3 and 4 years. Subsequently, new members of the prize committee would have 3 year terms. Limited terms will make serving on the nominating committee more attractive and provide a broader range of expertise and perspective for choosing awardees. In exceptional circumstances, a prize committee member could serve multiple terms, but this would be discouraged.

However, DPF decided it did not want to give two awards

We, therefore, need an alternate strategy for determining an annual awardee.

The subcommittee has not yet had a chance to discuss this, but one possibility would be to let awards committee, which consists of three members of CPAD (Marina Arturo, Howard Nicholson, and Graham Smith) and two members of the DPF, determine the annual awardee in the context of the priorities determined by the subcommittee described above.