

Name of submitting author	Prof. Chan Joshi
Institution	UCLA Department of Electrical Engineering
Email	joshi@ee.ucla.edu
Abstract Title	Accomplishments of the Advanced Accelerator Field as Viewed from Thirty Years of the AAC
Author/Affiliation listing	University of California Los Angeles
Abstract	Accomplishments of the Advanced Accelerator Field as viewed from thirty years of the Advanced Accelerator Concepts.
Summary	
<p>The first Advanced Acceleration of Particles- AAC- Workshop (actually named Laser Acceleration of Particles Workshop) was held at Los Alamos in January 1982 in response to Tigner subcommittee's recommendation to the HEPAP of the DOE. The workshop lasted a week and divided all the acceleration techniques into four categories: near field, far field, media, and vacuum. Basic theorems of particle acceleration were postulated (later proven) and specific experiments based on the four categories were formulated. This landmark workshop led to the formation of the advanced accelerator R&D program in the HEP office of the DOE that supports advanced accelerator research to this day. Two major new user facilities at Argonne and Brookhaven and several more directed experimental efforts were built to explore the advanced particle acceleration schemes. It is not an exaggeration to say that the intellectual breadth and excitement provided by the many groups who entered this new field provided the needed vitality to then recently-formed APS Division of Beams and the new online journal Physical Review Special Topics- Accelerators and Beams. On this 30th anniversary of the AAC Workshops, it is worthwhile to look back on the road traveled by hundreds of researchers and students and recall their many accomplishments that were almost always first reported at subsequent AAC Workshops. Work supported by DOE grant DE-FG02-92ER40727.</p>	

Name of submitting author	Stuart Henderson
Institution	Fermi National Accelerator Laboratory
Email	stuarth@fnal.gov
Abstract Title	PLENARY: From Intensity Frontier to Energy Frontier
Author/Affiliation listing	Stuart Henderson /Fermi National Accelerator Laboratory
Abstract	In this presentation I will present my perspective on central questions which serve to motivate our field: where is the field of particle physics headed on the intensity and energy frontiers, what are the long-term plans and how does the advanced accelerator concepts community fit into these plans?
Summary	
The field of advanced accelerator concepts has been motivated largely by the quest to reach ever higher beam energies in order to extend the range in mass sensitivity for particle physics. The energy target of the frontier has been changing over the past decades. But where is the field of particle physics headed now? What are the long-term plans and goals for the field and how will those motivate our accelerator research over the coming decades? How can future Intensity Frontier accelerators evolve into the next-generation Energy Frontier accelerators and how does the advanced concepts community fit into these plans? In this presentation I will present my perspective on these central questions, which serve to motivate our field.	