



Welcome to CALOR 2006

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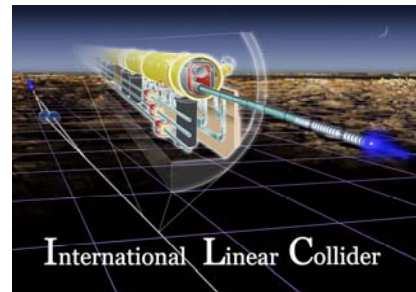
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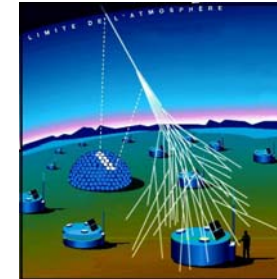
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Argonne's interests in calorimetry are broad ...

- From ZEUS, CDF, ATLAS, ..., to ILC



- Very High Energy Cosmic Rays
 - Using the atmosphere as a calorimeter ...



- VERITAS: Very Energetic Radiation Imaging Telescope Array System

- 2 current 12-m telescopes (almost operational)
- 2 more planned



- TRICE: Track Imaging Cherenkov Experiment

- Test bed for future Cherenkov experiments



- Calorimetry-related neutrino experiments at Fermilab

- MINOS
- Nova

- R&D on future applications: collaborations to explore medical applications, especially PET



Some comments from a non-expert ...

- I was struck by the agenda of this meeting when I first saw it - while calorimetry is of course a very old concept in physics,
 - HEP has been a pioneer in modern calorimetry, and Argonne has been has been a major participant for many years (ZEUS, CDF, ATLAS, ...)
 - It's also clear that the ideas and techniques developed in HEP have found applications far from their original source.
- This is characteristic of much of experimental HEP
 - In the case of Argonne, one of the modern legacies of high energy physics is the accelerator research that has led to today's synchrotron light sources - including Argonne's Advanced Photon Source.
- This is often not appreciated.
 - Many disciplinary funders outside of HEP undervalue this type of basic research, and
 - Continue to rely upon HEP to fund the basic R&D
- **Thus, quite aside from HEP's intrinsic intellectual interests, this is a key reason why I believe that HEP basic R&D is an essential research component for any 'multi-purpose' lab such as Argonne ...**





... hence, my best wishes for a very successful meeting!

