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# IEEE 802.3 ah Ethernet in the First Mile

## Security Session Meeting Agenda and Objectives

New Orleans, Sept 30 - Oct 3 2002

# Meeting Objectives

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- **Decide how security should be addressed**
  - Objectives and scope
  - Organization structure

# Summary of Topics

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- Why security is needed? Is end-to-end security a possible solution? Do we really need Link security?
- Why EPON is different that needs it so "badly"?
- What security means? definition of security threats and requirements, How much security is enough?
- What other technologies have done? How do they differ? how much we can leverage?
- What are the advantages of solutions specific to a MAC? how access properties and mechanisms can help on the mechanism definition?
- What transport issues does the security mechanism introduce? How specific solutions can avoid or minimize this impact?
- Do we want/need to address security as a general solution across all LAN technologies? Do we want/need a general solution for all Ethernet technologies?
- Can we define a plan with phases and start with PON?
- How do we gather enough security experts to work on this topic?
- How do we guarantee the quality of the solution? what review process should be used?
- More, please suggest

# Tentative Agenda

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- **Technical Presentations**
- **Discussion and straw polls**
- **Proposed PAR review**
- **Next Steps**