IEEE Standards and China

Presented by
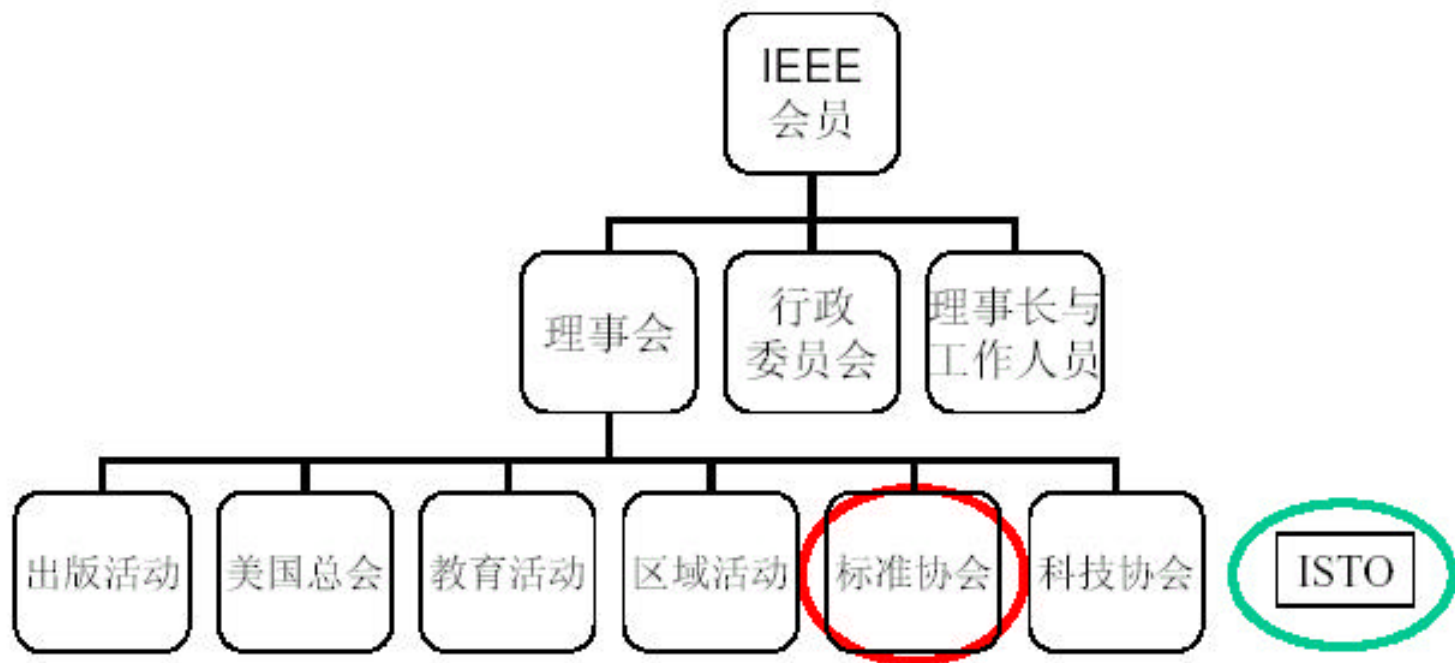
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President, IEEE Standards Association

IEEE Standards and China

- Agenda
  - IEEE, IEEE-SA, IEEE 802 Background
  - IEEE Meeting with SAC, MII, China (18/19 May 2004)
  - Update on WAPI Submission into JTC1/SC6
  - Summary

IEEE 标准协会与IEEE总会关系

IEEE Standards Association and the IEEE

MEMBERS 370,000

- **Board of Directors**
- **Executive Committee**
- **Exec Director & Staff**

- Publication Activities
- IEEE-USA
- Educational Activities
- Regional Activities
- Standards Association
- Technical Activities
- ISTO

*An **international** membership organization serving today's **industries** and the **public** with a **complete portfolio** of standards programs*

An international forum / consortium development organization

IEEE Standards International Recognition

- IEC/IEEE Joint Logo Program

- ITU-T Liaison (A.5, A.6)

- ITU-R Membership (RegIntOrg)

- ISO/IEC JTC1and IEEE Standard

- ETSI/IEEE Agreement

- Global Portal Web Pages
  - Europe, Asia, Americas, Africa

IEEE Goals at China Meeting

- Exchange information
  - Who IEEE is?
  - International Recognition by other Standards Bodies
  - Positive relationship and understanding
- Encourage China participation
  - Attendance at standards meetings (invitations)
  - More standards meetings in China
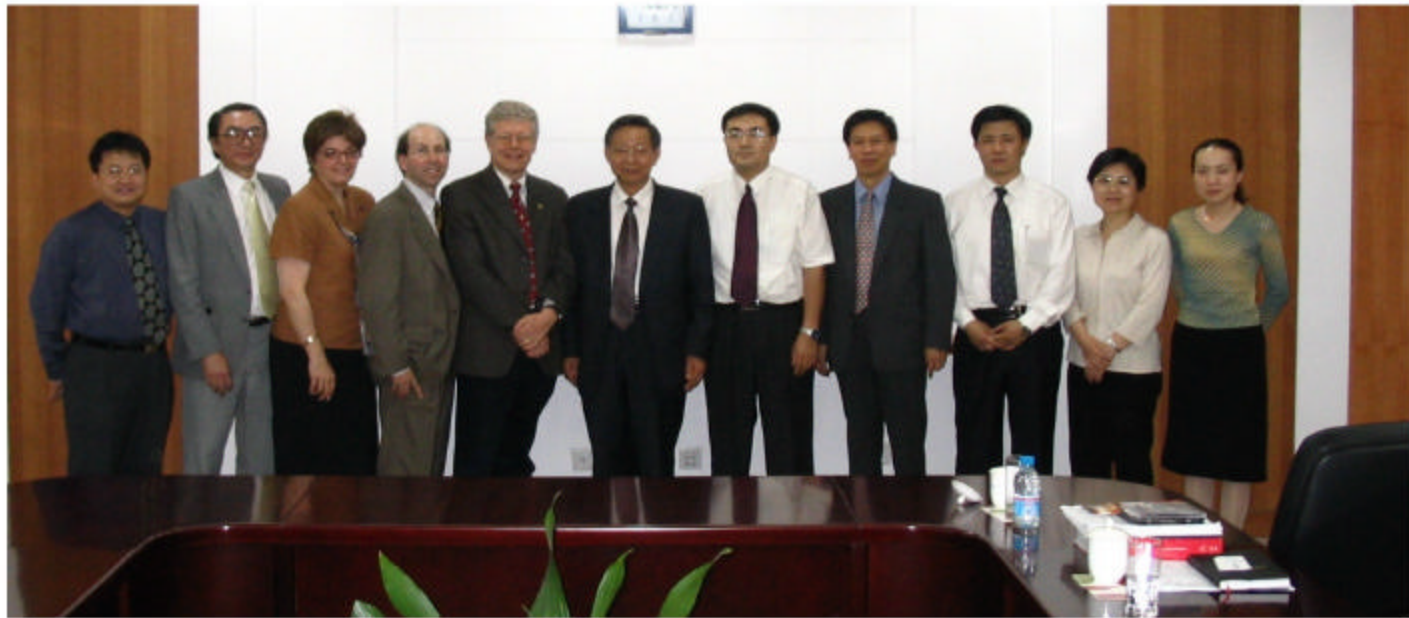- Establishing relationship on Battery Standards

SAC Summary Comments

- Exchange of presentations
  - SAC focused on leadership and participation in ISO/IEC
  - Both SAC & IEEE desire high quality, usable standards

- IEEE welcomed by SAC to
  - Continue to work with MII in China
    - Ongoing (Roger Marks, Chair IEEE 802.16)
  - Hold additional meetings in China

IEEE Meeting with Standardization Administration of China on 18May2005

IEEE 802 and ISO/IEC JTC1 (SC6)

- Twenty Year Relationship
- Provides world easy access to the LAN standards
- SAME document:
  - IEEE 802.xx Standards
    - IEEE 802.11:1999 and ISO/IEC 8802-11:1999
    - IEEE 802.3 and ISO/IEC 8802-3
- IEEE is publisher but other countries sell these standards through their National Bodies

China Update

- IEEE 802.11:2004 (revisions – but not IEEE 802.11i)
- Processing through ISO/IEC JTC1 SC6 process
  - Approved by 13 – 1 countries
  - China disapprove ballot comments
    - Include China in Regulatory Body Section
    - Substitute WAPI for current security Section
- China has submitted a New Work Item for WAPI
- UK is submitting IEEE 802.11i Security Standard
- SC6 Ballot Resolution Meeting in Orlando in Nov

Summary

- IEEE Standards Process
  - Voting by individuals is historical norm (changing)
  - All individuals from all countries on level playing field
  - Process is very controlled (ANSI accredited)

- China Standards Process
  - Top-Down with Government control (changing)
  - Fits well ISO/IEC models for Balloting by Governments