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**This Is . . .** This is a summary of the 89<sup>th</sup> TAC meeting held in Orlando, FL, February 20-23, 2006.

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**Attendance** Here are the attendance and participation statistics for the meeting:

- 84 Total Attendance including Project Team meetings, Project Development Committee meetings, and TAC meeting.
- 2 Potential Members
  - The BOC Group – Weiji Huang
  - Corning Inc. – Jay Zhang
- 38 Member Companies Represented
- 1 New Member Company
  - Syncrude Canada – Stefano Chiovelli
- 48 Forum Questions Submitted and Discussed

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**Metal Dusting Project** Bill Watkins of Air Products summarized the lesson learned from the valuable and ongoing MTI Metal Dusting Project. Member companies have successfully utilized project information in their operations already.

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**Funding for 3 Projects Approved**

- **Repair & Damage Assessment of Glass Lined Equipment (\$36k)**  
This handbook will enable member companies to monitor work by contractors to help ensure that repairs are appropriate and done correctly. An additional value for the project is that many glass repair experts are retiring and this handbook will enable MTI companies to fill the emerging void.
- **High Temperature Strength of Titanium “H” Grades (\$30k)**  
The intent of this project is to generate data to support ASME code changes that will allow thinner titanium cross sections in CPI equipment and to increase the high temperature limit for certain titanium grades.
- **Characterization of Nanoparticles (<\$6k)**  
The objective of the DOE funded project is to determine the feasibility of measuring the particle size, particle size distribution and aspect ratio of nanoparticles in real time as they are produced.

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**Hurricane Damage Assessment** There was a lot of interest in developing a seminar based on what was learned about hurricane damage assessment and remediation during the 2005 hurricane season. The seminar will probably be converted into a training resource for computer based educational programs for members.

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**New Project Teams**

Two additional project teams were formed:

- **Improving and Evergreening RBI**
  - **API In-Service Inspection Code**
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**Project Team Meetings**

Here are the project teams that met during TAC 89:

- Prediction of Materials Degradation PDC
    - RBI of Polymer Materials
    - Linkage of Corrosion Testing to Modeling
  - Guide for Repair & Modification of Polymer Equipment
    - Freestanding Thermoplastic Structures
    - FRP Equipment, and
    - Lined Equipment
  - User's Guide for Evaluating New Polymer Systems
  - Embedded Sensors in Polymers
  
  - Rouging
  - Metal Dusting II
  
  - MRO Vendor Audit Document for ASME PCC
  - SS/Nickel Alloy Seminar Planning
  - Statistical Analysis of NDE Data
  - Tank Car Bolted Joint Integrity
  
  - High Temperature Properties of Titanium, Modernization of ASMR & ASTM Specifications for Unalloyed Titanium, & Welding of Clad Titanium Plate
  - Valve Casting Specification
  
  - Procedure for Evaluating Failure
  - Repair & Damage Assessment of Glass Lined Equipment
  
  - Reliability Manual
  - Evergreening RBI
  - MS-8 Organic Solvents Materials Reference Book
  - Revision of MTI Publication No. 51 "Cleaning of Process Equipment & Piping"
  - Creation TAC Technical Awareness Bulletins
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