

IEEE IAS Petroleum and Chemical Industry Committee International Subcommittee

Report to the Executive Subcommittee PCIC Conference 9/27/12

Current Officers

- Chair Horst Kuemmler
- Vice-Chair Bill Lockley
- Secretary Wolfgang Berner

Subcommittee Meeting

▪ Attendance:

Officers	3
Members	41
Guests	<u>0</u>
Total Attendance	44

▪ Membership Roster Changes:

Previous Total	41
Members added	32
Members removed	<u>14</u>
Total Membership	59

▪ Agenda Highlights

- Ballot on 2013 papers
- PCIC Brazil presentation
- PCIC Europe report
- PCIC Mexico
- New secretary incoming in 2012 (Raimond Elias)

Member Recognition

- Senior Member elevation - None
- Other Awards or Recognitions - None

Technical Session Attendance

PCIC #	Title	Attendance
2012-10	GLOBAL COMPLIANCE OF ROOMS IN HAZARDOUS AREAS	137
2012-11	POWER MANAGEMENT IN AN INDUSTRIAL PLANT	181
2012-12	IEEE STD 515-2011 INDUSTRIAL ELECTRICAL RESISTANCE HEAT TRACING - THE NEXT STEP IN HARMONIZATION	66
2012-46	VIBRATION AND ROTOR DYNAMICS CONSIDERATIONS OF LARGE HIGH SPEED MOTORS DRIVING COMPRESSORS IN OIL AND GAS INDUSTRY	146
2012-47	EXTENDING MOTOR LIFE WITH UPDATED THERMAL MODEL OVERLOAD PROTECTION	151
2012-48	TESTING LARGE ASDS	121

Papers for Next Year

- Number of papers discussed and balloted for level of interest: 18
- Number of papers submitted directly to Subcommittee: 0
- Paper proposals selected based on ballot of interest and other factors to assure a balanced and quality slate:

Prelim ID	Title
NO-45	“Differences and Similarities between ANSI / NEMA and IEC Cultures for MV and LV Assemblies – The Brazilian Reality for Petrochemical Plants” <u>Luiz Felipe da Costa</u>
NO-56	“Motors Dynamics Design through Forced Vibration Analysis” <u>Rafael Fialho</u> Suresh Babu Pinapati GE
CH-33	“Case Study: Simultaneous Optimization of Electrical Grid Stability and Steam Production” <u>Scott Manson, Schweitzer</u> , Matt Checksfield Powerplan Engineers, Peter Duffield BHP Billiton, Abdel Khatib Schweitzer
CH-59	“Machine Vibration and Diagnostics: The World of ISO” <u>Horst Kuemlee, Siemens</u>
CH-77	“Influencing Factors on Motor Vibration & Rotor Critical Speeds in Design, Test and Field Applications” <u>Raj Mistry Siemens</u>
CH-84	“Design and Testing of 12 MW 9500 rpm Induction Motor for Pipeline Applications” <u>Sumit Singhal, Hartmut Walter, Siemens</u>
CH-89	“Electrical Equipment in Cold Weather Applications” <u>Brian Keene, Gerhard Schwartz</u> Cooper Crouse Hinds, Peter Thunherr Thuba AG
CH-106	“Area Classification for Explosive Atmosphere: Comparison Between European and North American Approaches” <u>Riccardo Tommasini</u> , Federica Palamara, Enrico Pons, Politecnico Torino
CH-126	“Motors Used for Inverter Duty Applications: Some Fundamentals That You Need to Know!” <u>William Chen, TECO</u> , Greg Stone IRIS

Papers CH-43, CH50, CH-63, CH72, CH94, CH102, CH103, CH105, and CH 107 were rejected due to lack of interest. Papers CH34 and CH113 were well regarded but did not make the cut, so they are available for others.

Notes:

1. Indicate Status as CO for carry over spare from current year, AC for accepted new proposal.

2. International Subcommittee has a development slate of 8 papers (2 Carryovers plus 6 new papers).
3. Spare papers for Next Year are not identified until April deadline for having final draft submitted.

Status of Subcommittee Goals

Completed Goals:

All goals still in progress

- Update on Goals in progress:
- Make CD's and records from PCIC-Europe available (Process was introduced for 2011, but shipped records for 2011 got lost in Italy. The 2012 Prague CDs were all used at the conference so none were available
- Getting authors from Mexico (PCIC Mexico Spring 2013 as alternative).
- Find a way to get better proposals from Asia (getting proposals from Korea)
- Get new younger people into the Intl. SC in conjunction with YEDS (Still working at it)

New Goals:

Other Business or News of Interest

- **New Secretary**
Raimond Elias of Rockwell, Netherlands is taking over as the new Secretary.
- PCIC Mexico Summer 2012
- What do we do about paper proposals from countries which cannot travel to the USA?