

Agenda

	Wednesday 20 Aug	Thursday 21 Aug	Friday 22 Aug
All Tracks	Condition Monitoring Track	Condition Monitoring Track	Condition Monitoring Track
	Control Track	Control Track	Control Track
8:00-8:30	COFFEE / PASTRY		COFFEE / PASTRY
8:30-8:45	Welcome & Introduction		
8:45-9:15	GE Perspective		CPP5
9:15-10:00	Keynote Presentation	CM5	CPP6
10:00-10:30	Break/Technology Exhibits		Break/Technology Exhibits
10:30-11:15	CPP1	CM6	CM10
11:15-12:00	CPP2	CM7	CM11
12:00-13:00	LUNCH		LUNCH
13:00-13:55	CM1	CPP3	CM12/C6
13:55-14:45	CM2	CPP4	
14:45-15:15	Break/Technology Exhibits		Break/Technology Exhibits
15:15-16:05	CM3	CM8/C4	Users Feedback Feedback Session Debrief
16:05-17:00	CM4	CM9/C5	
17:00-18:00	BREAK		BREAK
18:00-20:30	GROUP DINNER		

Notes:

1. The CM8/C4, CM9/C5, CM12/C6 topics are intended for both Condition Monitoring and Controls Track participants.
2. The Group dinner is optional but highly recommended.

Condition Monitoring Track

CM1 – Wireless condition monitoring for essential assets using the Bently Nevada™ wSIM™ system.

CM2 – Early adopters of wSIM system: field case study.

CM3 – Upcoming portable products and technologies for condition monitoring on essential assets.

CM4 – Best practices for retrofitting machinery with vibration transducers.

CM5 – System 1™ Forum. An in-depth introduction of new features and functionality in System 1 software version 6.5 along with a customer feedback forum to hear from you regarding how the product can be enhanced to better meet your needs.

CM6 – Remote Monitoring: What is possible and who is using this technology. A customer case history will accompany this presentation.

CM7 – Customer-defined forum: Topic(s) to be defined during first day of conference using an on-site survey and during pre-registration using online survey.

CM8 – Machinery Acceptance Testing. The American Petroleum Institute provides a number of specifications and recommended practices that dictate allowable vibration levels during factory acceptance testing and help define acceptable rotor dynamic behavior of new and repaired machinery. This tutorial overview session will help the attendee understand what these standards are and how they can be applied to help ensure machinery that runs longer and with fewer problems.

CM9 – Kn3 for Power Plant Optimization. Kn3 is an innovative software application that combines first-principles modeling with neural nets and fuzzy logic technology and can be used to solve a host of optimization problems in power plants. This session will focus on some of the most important applications and discusses both the technology and modeling aspects as well as the economic payback aspects.

CM10 – Hydroturbine-generator monitoring: new developments and best practices.

CM11 – Reciprocating compressor monitoring: new developments and best practices.

CM12 – Power Plant Performance Monitoring. Thermodynamic performance monitoring can pay big dividends in terms of fuel costs, carbon emission reductions, heat rate, outage planning, hot gas path life extension, and more. In this session we will provide practical examples of how performance monitoring software can be used on steam and gas turbines as well as other power plant equipment.

Controls Track

C1 – This session focuses on distributed control system topics for the power generation industry and will include an introduction of GE's new OC4000 distributed control platform, general discussions related to regulatory and advanced control of specific units within the plant, and customer usage scenarios. Customer case histories may also be presented. Ample opportunities will be provided for questions, comments, and feedback.

C2 – This session focuses on migration from legacy Mark IV / Mark V turbine control systems and Human Machine Interfaces (HMIs) to the new Mark VIe platform. Discussions will include practical tutorials on how to plan for and execute a control system migration, capabilities of the new Mark VIe relative to older GE systems, and customer case histories outlining selection criteria for choosing a platform and a supplier. Ample opportunities will be provided for questions, comments, and feedback on specific control products as well as control strategies for steam and gas turbines in power generation applications, and mechanical drive turbines in oil & gas applications (such as pipeline compression).

C3 – This session focuses on retrofitting GE controls to non-GE machines with a customer case history. The topic covers turbine control as well as unit/plant control.

C4 – Joint session with Condition Monitoring (see CM8)

C5 – Joint session with Condition Monitoring (see CM9)

C6 – Joint session with Condition Monitoring (see CM12)

Customer Paper Presentation (CPP)

Call for Presentations - Suggested topics:

- How your plant justifies their investment in condition monitoring technologies and how it measures payback from those investments
- Overcoming the barriers to proactive use of condition monitoring within your organization
- Impact of thermodynamic performance monitoring on your power plant
- Case study on how a particularly difficult rotor dynamic problem was solved using System 1 software
- Case study on a particularly innovative way in which you are using System 1 such as significant use of process data to supplement vibration data or a particularly unusual asset type being addressed successfully
- An overview of your organizations asset management strategies
- Perceived barriers in your organization to the use of wireless technologies for condition monitoring and/or process measurements
- Influencing organizational change to shift from reactive to proactive maintenance programs

If you are interested in presenting at this conference, please contact us immediately to let us know of your intent and then submit a 100-150 word synopsis along with your name, title, company name, and contact information as soon as possible, but no later than 25 June 2008, to: sebastian.seow@ge.com