8th Annual

INDUSTRIAL REFRIGERATION CONSORTIUM
RESEARCH & TECHNOLOGY FORUM

MAY 7-8, 2008, MADISON, WI

THE PYLE CENTER, 702 LANGDON ST., MADISON, WI

AGENDA

May Wednesday 7

8:00 am **REGISTRATION OPENS**

8:15 am **WELCOME AND FORUM OVERVIEW**
DOUGLAS REINDL, DIRECTOR
INDUSTRIAL REFRIGERATION CONSORTIUM

MECHANICAL INTEGRITY

8:30 am **MI INSPECTION TECHNIQUES AND FINDINGS**
JAMES KOVARIK
LIXI

9:00 am **PRINCIPLES AND PRACTICES OF VIBRATION ANALYSIS**
RANDY KEEFER,
VP AFTERMARKET SERVICES, FES

9:30 am **OIL ANALYSIS – LESSSONS LEARNED**
CHAD NORRIS
ENGINEER, WELLS' DAIRY

10:00 am **BREAK/NETWORKING**

SUSTAINABILITY UPDATE

10:30 am **INDUSTRY TRENDS IN RENEWABLE ENERGY**
DREW MCMAHON,
VP TECHNOLOGY, SKYFUEL

11:15 am **IS THERE A HYDROGEN ECONOMY IN OUR FUTURE?**
SANFORD KLEIN
PROFESSOR, UNIVERSITY OF WISCONSIN-MADISON

11:45 am **ANEROBIC DIGESTERS FOR ON-SITE POWER PRODUCTION – LESSONS LEARNED**

ROBERT GANSLER
TECHNICAL CONSULTANT, XCEL ENERGY

12:15 pm **LUNCH**

INTERACTIVE SESSION

1:15 pm **TECHNICAL POSTERS**

- **Energy audit success (Todd Jekel, IRC)**
- **Low temperature refrigeration options (Pete Mumanachit, UW)**
- **Freezer efficiency improvement options (Doug Reindl, IRC)**
- **White roofs (Dan Dettmers, IRC)**
- **Magnetic Refrigeration (Mike Frischman, UW)**
- **Refrigeration for Cryosurgery (Harrison Skye, UW)**

Room 327 **IRC PRV Tool – a User's Perspective**
STEVE MENDYGRAL
PRESIDENT, PSM TECHNICAL SERVICES

Room 213 **MASS & ENERGY BALANCE – A SNEAK PREVIEW OF A WEB-BASED TOOL**
TODD JEKEL, ASSISTANT DIRECTOR, IRC

2:30 pm **BREAK**

PIPING SYSTEMS PRACTICES

3:00 pm **INSULATION PRACTICES FOR LOW TEMPERATURE PIPING**
JAMES YOUNG
DOW CHEMICAL

3:45 pm **PIPING SYSTEM PREPARATION**
JAMES PETERSON
USEPA

4:15 pm **CONDUCTING EFFECTIVE VISUAL INSPECTIONS**
DANIEL DETTMERS
RESEARCH ENGINEER, IRC

4:45 pm **DISCUSSION**

5:00 pm **ADJOURN**

May
Thursday 8

8:15 am **ANNOUNCEMENTS**
DOUGLAS REINDL, DIRECTOR
INDUSTRIAL REFRIGERATION CONSORTIUM

INCIDENTS AND ACCIDENTS

8:30 am **A DECADE OF TRACKING INCIDENTS AND ACCIDENTS**
JAMES DREW
WISCONSIN DEPARTMENT OF HEALTH

9:15 am **REFRIGERATION SIGHT GLASS FAILURES – INVESTIGATION**
BENT WIENCKE
MANAGER, REFRIGERATION ENGINEERING, NESTLE USA

10:00 am **EMERGENCY RESPONDER NEEDS**
DAVE BURSACK, HAZMAT PLANNER – DANE COUNTY

10:30 am **BREAK / NETWORKING SESSION**

PSM/SAFETY UPDATE

11:00 am **BEST PRACTICES FOR PSM AUDITING**
GARY WEBSTER
GLOBAL REFRIGERATION ENGINEER, KRAFT FOODS

11:30 am **RECOMMENDATIONS FOR CONTINUOUS PSM PROGRAM IMPROVEMENT**
TODD JEKEL, ASSISTANT DIRECTOR, IRC

12:00 pm **ADJOURN**