

# AGENDA

## NSF Industry/University Program Annual Review – October 20-22, 2008 XRSIM Short Course – October 22-23, 2008

**Monday, October 20** – 102 Applied Sciences Complex III, 1915 Scholl Road, Ames, IA 50011-3042

5 p.m. to 7 p.m. **Information Meeting – Composite NDE**

**Objective:** To provide the sponsors with a high-level overview of all CNDE programs aimed at understanding and improving composite NDE.

**Format:** A series of 10-minute presentations will be given describing work that is being supported by a variety of sources of funding.

7:30 p.m. **Industrial Advisory Board Meeting** – 102 Applied Sciences Complex III, 1915 Scholl Road, Ames, IA 50011-3042

**Old business:**

- Critique of Information Meeting
- Update on Distance Education
- Update on NDE Minor
- Summary of Project Planning Meeting
- Update on Utopian Views
- New Awards from NSF

**New business:**

- Signal Processing Tool Box Discussion
- Upcoming Schedules

**Tuesday, October 21** - Applied Sciences Complex II Auditorium

8:00 a.m. Continental Breakfast

8:30 Center Summary ..... **Bruce Thompson,**  
Director – CNDE  
<?> - Chair

**Technical Review**

9:00 4.1 Magnetic Inspection Methods for Nondestructive Evaluation ..... **Chester Lo**

9:25 3.1 Penetrating Radiation Methods in NDE: X-Ray and Neutron..... **Joe Gray**

9:50 1.1 Ultrasonic Techniques and Tool Development..... **Tim Gray**

10:15 Coffee Break

10:30 Poster Session and Discussion

12:00 Catered Lunch – 102 ASC III

**Technical Review** <?> - Chair

1:30 p.m. 7.1 Detection and Characterization of Defects in Composites..... **David Hsu**

1:55 Supplemental Project – Vibrothermography..... **Steve Holland**

2:20 Plans for Terahertz Imaging Facility ..... **Thomas Chiou**

2:45 Coffee Break

3:00 Poster Session and Discussion

5:00 Adjourn

6:00 *Dinner Location - Olde Main Restaurant, 316 Main Street, Ames, IA  
Social Gathering – 6:00 p.m. with Dinner at 6:45 p.m.*

Wednesday, October 22 - Applied Sciences Complex II Auditorium

7:45 a.m. Continental Breakfast

8:00 AREVA Sponsor Presentations..... Bill Glass

8:30 Eaton Corporation Sponsor Presentation..... Aquil Ahmad

9:00 Feedback Session ..... Bruce Thompson

9:15 Coffee Break

9:30 Composite NDE Roadmap Planning Session ..... David Hsu and  
Bruce Thompson

11:00 Industrial Advisory Board Meeting

12:00 p.m. Adjourn

XRSIM SHORT COURSE SYLLABUS

Wednesday afternoon, October 22 and Thursday, October 23 – 152 ASC III Computer Lab  
Presenter: Joe Gray