

PRE-CONFERENCE ACTIVITIES**Thursday, June 7, 2007****Memorial Coliseum***(Thursday schedule is for auxiliary groups only.)*

9 a.m.-4 p.m.	AUBURN-GLAMORGAN WORKSHOP	Coliseum, Rm. 1081
9.00am- 9.30	Historical Introduction	F.Ring
9.30-10.15	IR Detectors and cameras	R.Thomas
10.15- 10.30	Questions/discussion/coffee	
10.30- 11.00	Quality Assurance in Thermography	P.Plassmann
11.00- 12.00	Principles of thermal physiology	K.Ammer
30 minute lunch break		
12.30- 13.00	Film, Hot and cold "Living Body"	F.Ring
13.00- 13.30	Standard protocols for thermography	F.Ring
13.30- 14.15	Causes of human temp. increase & decrease	K.Ammer
15 minute break		
14.30- 15.00	Provocation tests	F.Ring
15.00- 15.30	Image processing principles	P.Plassmann
15.30- 16.00	Educational resources	K.Ammer

4 p.m. CHIROPRACTOR SOCIETY MEETING**Coliseum, Rm. 1082****4-6 p.m. AMERICAN ACADEMY OF THERMOLOGY BOARD MEETING, Blair Suite, AU Hotel & Conference Center****INTERNATIONAL AND AMERICAN ACADEMY OF THERMOLOGY MEETING****Asterisk denotes student presentations)***Friday, June 8, 2007****College of Veterinary Medicine**

7:45-9 a.m.	Transportation from AU Hotel to College of Veterinary Medicine (CVM)	
8-9 a.m.	REGISTRATION/CHECK-IN	Overton/Goodwin Center
<i>Continental Breakfast</i>		
8 a.m.-5 p.m.	Exhibitors and Posters	Overton/Goodwin Center
9 a.m.-12:20 p.m.	WORKER'S COMPENSATION	
	Chairs: Woody McDaniel, Tim Conwell	
9-10 a.m.	Tim Conwell: <i>Current Colorado Division of Worker's Compensation Guidelines for CRPS and Reimbursement for Diagnostic Testing</i>	
10-10:20 a.m.	Florin: <i>Thermographic Monitoring of Physiological Changes in Patients with Chronic Regional Pain Syndrome (CRPS)</i>	
10:20-10:40 a.m.	Haber: <i>The Use of Thermographic Movies as Real Time Monitoring</i>	
10:40-11 a.m.	BREAK	

- 11-11:20 a.m. Moon & McDaniel: *A Proposed Standard for the Evaluation of Lumbral/Sacral Radiculopathy in the General Population using Digital Infrared Imaging*
- 11:20-11:40 a.m. Conwell: *Current Pathophysiological Concepts in Complex Regional Pain Syndrome*
- 11:40-12:20 p.m. Worker's Compensation Panel Discussion
- 12:30-1:30 p.m. **LUNCH** (provided)

TUTORIAL

1:30-2:30 p.m. Mercer: *Dynamic Infrared Imaging and Blood Flow*

2:30-3:10 p.m. BREAST SESSION

Chair: Phil Hoekstra

2:30-2:50 p.m. Hobbins: *Evaluation of Breast Health—35 years Experience with Monitoring Blood Flow*

2:50-3:10 p.m. Crawford (Saputo): *Beyond Mammography*

3:10-3:30 p.m. Hoekstra: *Autonomic Pattern Recognition Applied to Thermal Imaging for Large-Scale Breast Cancer Detection*

3:30- 3:50 p.m.

BREAK

3:50-5:10 p.m.

CLINICAL TRACT

Chair: Kurt Ammer

3:50-4:10 p.m. Ring: *Pandemic? Thermography Screening for Fever Screening of Airport Passengers*

4:10-4:30 p.m. Harding: *Sniffing Out Raynaud's Syndrome*

4:30- 4:50 p.m. Ammer: *Influence of Imaging and Object Conditions on Temperature Readings from Medical Infrared Images*

4:50-5:10 p.m. Lyon & Orlove: *A Brief History of 25 years (or more) of Infrared Imaging Radiometers*

Poster: Foster*: *Deviations in Normal Dermatome Patterns: A Collection of Three Studies*

Poster: Kyung-Sub Lee: *The Effects of Acupuncture in Patients with Cold Hypersensitivity Using the Cold Stress Test*

5:10-5:30 p.m. Transportation from CVM to AU Hotel

5:30-7 p.m.

CONFERENCE SOCIAL

Blair Suite, AU Hotel

Saturday, June 9, 2007

College of Veterinary Medicine

8:15-9 a.m. Transportation from AU Hotel to CVM

8:30-9 a.m.

REGISTRATION/CHECK-IN

Overton/Goodwin Center

Continental Breakfast

8:30 a.m.-5 p.m. Exhibitors and Posters

Overton/Goodwin Center

9:00-10 a.m.

EQUIPMENT/STANDARDS

Chair: Francis Ring

9-9:20 a.m. Vardasca*: *Thermal Symmetry on Extremities of Normal Subjects*

9:20-9:40 a.m. Fisher*: *Equilibration Period Following Exposure to Hot or Cold Conditions when Using Infrared Thermography*

9:40-10 a.m. Plassmann: *Performance Testing of Thermal Imaging Systems in Medicine*

10-10:20 a.m.	BREAK
10:20-11:00 a.m.	VETERINARY MEDICINE Chair: TBA
10:20-10:40 a.m.	Ryan: <i>Ocular Thermal Imaging as a Measure of Febrile Responses in Foals to Endotoxin Challenge Testing</i>
10:40-11 a.m.	Rashmir-Raven: <i>Early Detection of Hyperelastosis Cutis/Herda Lesions in Horse Using Digital Infrared Thermography</i> Poster- Nicnaber*: <i>Thermal Windows in Seals and Sea Lions: Non-Invasive Indicators of Health?</i>
11:30-12:30 p.m.	LUNCH (provided)
12:30-1:30 p.m.	PHYSICAL THERAPY/ATHLETIC TRAINING Chair: David Pascoe
12:30-12:50 p.m.	Demmick: <i>Use of IR Thermography in Determining Spatial Heat Distribution of Varying Ultrasound Treatment Techniques</i>
12:50-1:10 p.m.	MacNunn*: <i>Cryogenics Changes in Differing Ice Treatments</i>
1:10-1:30 p.m.	Daisy*: <i>A Thermographic Comparison of Cold Therapy Devices on Surface Skin Temperature</i> Poster- Hoyt: <i>Relationship between Digital Infrared Thermal Imaging Determined Knee Temperatures and Knee Pain in Distance Runners during a 3-Month Cross Country Season</i> Poster- St Onge: <i>Tissue Compression at the Ischial Tuberosity and the Middle Posterior Thigh: Impact on Nerve Function, Blood Flow, and Tissue Oxygenation</i>
1:30-3:10 p.m.	BRAZILIAN THERMOGRAPHIC SOCIETY Chair: Dr. R.K. Vyas
1:30- 1:50 p.m.	Brioschi: <i>Application of a New Radiological IR Imaging Technique. MRI with IR 3D Fusion and 3D Stereoscopic Printing</i>
1:50-2:10 p.m.	Brioschi: <i>High Sensitive IR Images Report. New System of Musculoskeletal Injuries Description</i>
:10-2:30 p.m.	Brioschi: <i>Infrared Expertise: From Diagnosis to Treatments. Infrared Imaging of Far-Infrared Radiation in Different Types of Applications.</i>
2:30-2:50 p.m.	BREAK
2:50- 3:10 p.m.	Brioschi: <i>Surgical Infrared Imaging Applications: Directions for the Future</i>
TUTORIAL	
3:10- 4 p.m.	Govindan: <i>Role of Mast Cells in Chronic Regional Pain Syndromes</i>
4-5 p.m.	SPECIAL INTEREST GROUPS (SIGs)
*Time will be provided for those interested in meeting as infrared specialty groups. (Neuromuscular, Veterinary, Clinical, Breast, Physical Therapy/Athletic Training, Physiology, Workers Comp, etc.)	
5-5:30 p.m.	Transportation from CVM to AU Hotel
6:30-9:30 p.m.	BANQUET AU Hotel & Conference Center Ballroom