

2023

20th - 22nd October 2023
Virtual AAT 2023 Annual Scientific Session

Website: <https://annualmeeting.aathermology.org>

About The Event

The 2023 Annual Scientific Session will be a Virtual Meeting consisting of both recorded presentations and live sessions. Those who register for the full meeting with next year's membership will be given 60 days post-meeting access to the recorded presentations.

Separate registration is required for the Pre-Meeting Physician's Thermography Interpretation and the Getting Started Courses. The Interpretation course is on line, at your own pace, followed by a Virtual Live question and answer session conducted between 9:00am and 12:00pm (Eastern Time) on Friday, October 20th, 2023.

The getting Started course is Virtual Live format only.

It runs from 2:00pm to 5:00pm, on Friday, October 20th, 2023

2023 Conference Schedule

- Day 1

Pre-Meeting Sessions (separate registration required):
Friday, October 20th, 2023

9:00 am - 12:00 pm

Virtual Live Physician Interpretation Q & A Session
By Robert Schwartz, MD AAT COB, Greenville, SC

2:00 pm - 5:00 pm

Virtual Live "Getting Started In Medical Thermology"
Round Table

By Jan Crawford, RN, BSN AAT Board, Scaly Mt, NC, Robert Kane, DC AAT Member, San Francisco, CA, Robert Schwartz, MD AAT COB, Greenville, SC

- Day 2

General Sessions:
Saturday, October 21st, 2023

7:45 am

Virtual Log In Opens

Registration would be started by 8:00 am.

8:00 am - 10:00 am

Updates In Medical Thermology

8:00 am - 8:20 am

Medical Thermology In The New Normal

By Robert Schwartz, MD, AAT COB, Greenville, SC

8:20 am - 8:40 am

AAT Executive Director's Report

By Kathy Sullivan, PhD; AAT Executive Director, Eagan, MN

8:40 am - 9:00 am

Will Medical Thermology Follow The Path Of Radiation Oncology?

By Jonanthan Gershenson, DO; AAT Board Member, Sacramento, CA

9:00 am - 9:20 am

Updates In The AIIR AI Research Protocol

By Ho Yeol Zhang, MD, PhD NHIS Ilsan Hospital, Seoul, Korea

9:20 am - 9:40 am

Applied Physics In Medical Thermology

By Francisco "Paco" Renero, PhD; AAT Member, Tonantzintla, Mexico

9:40 am - 10:00 am

Expert Panel 1 - Updates In Medical Thermology Q & A

10:00 am - 12:00 pm

Clinician's Corner: Neuromusculoskeletal Thermology

10:00 am - 10:20 am

Updates in Thermology and Pain Medicine-Part 1

By Behnum Habibi, MD; AAT Board, Philadelphia, PA

10:20 am - 10:40 am

Updates in Thermology and Pain Medicine-Part 2

By Behnum Habibi, MD; AAT Board, Philadelphia, PA

10:40 am - 11:00 am

Medical Thermology For The Dysautonomic Patient

By Matthew Terzella, MD; AAT Board, Greenville, SC

11:00 am - 11:20 am

Medical Thermology For Facial, Orbit & Eye Pain

By Anat Galor, MD; AAT Member, Miami, FL

11:20 am - 11:40 am

IR Thermology For Sports Injury Restorative Therapy

By Ismael Fernandez, PhD; AAT Member, Madrid, Spain

11:40 am - 12:00 pm

Expert Panel 2 - NMSK Q & A

12:00 pm - 1:00 pm

Lunch

1:00 pm - 3:00 pm

Clinician's Corner: Veterinarian Thermology

1:00 pm - 1:25 pm

How To Perform Field Thermographic Imaging
By Ken Marcella, DVM; AAT Member, Canton, GA

1:25 pm - 1:50 pm

Thermology As A Proactive Screening Tool In Companion
Animals
By Ronald Riegel, DVM; AAT Member, Marysville, OH

1:50 pm - 2:15 pm

Thermology In Working Canine Harness Evaluation
By Kim Henneman, DVM; Park City, Utah

2:15 pm - 2:40 pm

Thermography-Assisted Lameness Management for Gi-
raffes
By Liza Dadone, DVM; Colorado Springs, CO

2:40 pm - 3:00 pm

Expert Panel 3 - Veterinarian Q & A

3:00 pm - 5:00 pm

Clinician's Corner: Breast Thermology

3:00 pm - 3:30 pm

The Impact Of Heat Diffusion Analysis In Breast
Thermology
By Jonathan Gershenson, DO; AAT Board Member, Sac-
ramento, CA

3:30 pm - 3:50 pm

The Importance of Nipple Temperatures in Breast
Thermography
By James Stewart Campbell, MD; AAT Senior Member,
Pfafftown, NC

3:50 pm - 4:10 pm

AAT's Response To FDA's Required Dense Breast Notifi-
cations
By Jonathan Gershenson, DO; AAT Board Member, Sac-
ramento, CA

4:10 pm - 4:30 pm

Breast Thermology Publications
By Robert Kane, DC; AAT Member, San Francisco, CA

"4:30 pm - 5:00 pm

Expert Panel 4 - Breast Thermology Q & A

"5:00 pm

Saturday Session Ends

"5:00 pm - 6:00 pm

Virtual Meet and Mingle Reception

• Day 3

General Sessions and Annual Business Meeting:
Sunday, October 22nd, 2023

"8:00 am

Virtual Log In

"8:10 am - 10:00 am

Clinician's Corner: Oral-Systemic Thermology

8:10 am - 8:30 am

Computer Driven Thermographic Algorithms For Dia-
betic Foot Ulcers
By Mershari Alwashmi, PhD; AAT Member, San Fran-
cisco, CA

8:30 am - 8:50 am

Point of Care Thermography and Venous Disease
By Ariel Soffer, MD; AAT Member

8:50 am - 9:10 am

Limitations and Considerations of Infrared Thermology
for Injury Assessment in Sports: A Critical Review
By Marcos Brioschi, MD, PhD AAT Member,
ABRATERM. Sao Paulo University, Brazil.

9:10 am - 9:40 am

Expert Panel 5: Oral-Systemic Q & A

9:40am - 11:00 am

Practice Development

9:40 am - 10:00 am

The True Problem of Artificial Intelligence in Medical
Thermography: A Critical Analysis
By Marcos Brioschi, MD, PhD AAT Member,
ABRATERM. Sao Paulo University, Brazil.

10:00 am - 10:20 am

Update On Forensic IR Program Development
By Brian Bennett Columbia, SC

10:20 am - 10:40 am

Media and Marketing For Program And Practice Growth
By Stephannie Acker, AAT Media Specialist, Greenville, SC

10:40 am - 11:00 am

Panel 6: Practice Development Q & A

11:00 am

General Session Ends

11:00 am - 1:00 pm

Board of Directors Meeting (Board Members Only)

30th October-November 3rd Abu Dhabi, UAE QIRT Asia Conference

The conference, 4th QIRT Asia 2023 will be held in Abu Dhabi, United Arab Emirates

Website: <https://qirt-asia-2033.org>

The biannual Quantitative InfraRed Thermography (QIRT) Conference is a meeting of the scientific and industrial community interested and actively working in research, application, and technology related to infrared thermography. All conference topics are intended for quantitative results comprising temperature values as well as further parameters on the tested materials and structures. The latter ones are usually obtained through active thermography, e. g. by exploiting non-stationary heat transfer processes activated by additional heat sources or by considering wavelength-dependent effect

Venue

The conference will be held at Khalifa University, Abu Dhabi, U.A.E

List of Topics

- Applications of AI and CNN
- **Biomedical applications**
- Calibration and metrology
- Civil Engineering and Buildings
- Electronics and semiconductors
- Environment
- Fluid dynamics and energetics
- Image and data processing
- Induction thermography
- Industrial applications
- IR signature, Image Processing and Recognition
- Microscale applications
- Modeling
- Monitoring and maintenance
- NDE and its applications to composite structures
- Novel technique
- Photothermal techniques
- Remote sensing
- Thermographic Systems & Components
- Thermomechanics
- Vibrothermography
- Works of Art