

CALL FOR ABSTRACTS



WROCLAW UNIVERSITY
OF ENVIRONMENTAL
AND LIFE SCIENCES

XVI Congress of the European Association of Thermology

6th – 8th September 2024

Faculty of Biology and Animal Science

Wrocław University of Environmental and Life Sciences

Wrocław, Poland



XVI Congress of the European
Association of Thermology

Wrocław POLAND 2024

www.eurothermology.org/XVICongress.html

The EAT and Wrocław University of Environmental and Life Sciences are delighted to invite you to participate in the XVI EAT Congress in Wrocław, Poland from 6th to 8th September 2024.

The European Association of Thermology exists to promote, support and disseminate research in thermometry and thermal imaging in the fields of human and veterinary medicine and biology. We do this through our peer-reviewed journal Thermology International, regional seminars around Europe, and our flagship Congress, which takes place every three years.

Following on from the most recent meetings in Porto (2012), Madrid (2015), London (2018) and online (2021) the Congress heads to eastern Europe for 2024 to Wrocław in Poland.

The Organising Committee looks forward to welcoming you to Wrocław University of Environmental and Life Sciences in the summer of 2024.



Dr. Kevin Howell
EAT President

VENUE.

Wrocław lies on the banks of the River Oder in western Poland, and is the capital of the Lower Silesian Voivodeship. It was the European Capital of Culture in 2016, and won the "European Best Destination" title in 2018.



Our venue will be the Faculty of Biology and Animal Science at the prestigious University of Environmental and Life Sciences on Chelmonskiego Street in the eastern suburbs of Wrocław. The Faculty building boasts excellent conference facilities including a large lecture theatre, ample lobby space for networking and poster presentations, and a spacious restaurant for lunch breaks. This is the perfect environment for delegates to present their thermological research at Europe's flagship biomedical temperature congress.





ORGANISING COMMITTEE

**Maria Soroko-Dubrovina (POL),
Chair**

Kurt Ammer (AUT)
 Kevin Howell (GBR)
 Anna Jung (POL)
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 Adérito Seixas (POR)
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 Maria Soroko-Dubrovina (POL)
 Hisashi Usuki (JPN)
 Ricardo Vardasca (POR)

KEY DATES.

Abstract submission will open online on 4th September 2023, and authors will be notified of acceptance for oral or poster presentation by 4th March 2024.

May 2023. Publication of the First Announcement.

31st July 2023. Publication of the “Call for Abstracts” document.

4th September 2023. Opening of abstract submission and registration.

15th January 2024. Abstract submission deadline.

4th March 2024. Acceptance notification to authors.

6th May 2024. End of Early Registration and deadline for registration of presenting authors.

REGISTRATION FEES (*)

	Early Registration (Until 06 MAY 2024)	Late Registration (After 06 MAY 2024)
EAT MEMBER	€360	€410
Non-Member	€440	€490
One-day registration	€200	€250
Student	€200	€250
Accompanying person	€120	€120

(*) Further information about the registration process is online at www.eurothermology.org/XVICongress.html
Registration includes access to all congress sessions, congress lunch and coffee breaks, the Gala Dinner, and other congress social programme events.

ACCOMMODATION

Recommended hotels:

1. Hotel ZOO

Address: ul. Wroblewskiego 7, 51-627 Wrocław

website: <http://zoo-hotel.pl/>

2. Radisson Blu Hotel Wrocław*****

Address: ul. Purkyniego 10, 50-156 Wrocław

website: <https://www.radissonblu.com/pl/hotel-wroclaw>

3. Grape Hotel & Restaurant*****

Address: Parkowa 8, 51-616 Wrocław

website: <https://www.grapehotel.pl>

4. PURO Wrocław Old Town***

Address: Pawła Włodkowica 6, 50-072 Wrocław

website: <https://purohotel.pl/pl/wroclaw>

5. HOTEL EUROPEUM ***

Address: ul. Kazimierza Wielkiego 27A, 50-077 Wrocław

website: <https://europeum.pl>

6. Hotel Mercure Wrocław Centrum*****

Address: pl. Dominikański 1, 50-159, Wrocław

website: <https://www.accorhotels.com/pl/hotel-3374-hotel-mercure-wroclaw-centrum/index.shtml>

ACCOMPANYING PERSONS

All accompanying persons will be invited to join the Congress Gala Dinner and full social programme upon payment of the appropriate €120 fee.

KEY MEETING THEMES

- Infrared thermography in biomedicine.
- Temperature measurement in animal welfare, veterinary applications and equine physiology.
- Contact temperature measurement.
- Hardware and software solutions for infrared imaging.
- Biomedical applications: surgery, neurology, vascular and pain syndromes.
- Thermometry in exercise physiology, rehabilitation, and human performance research.
- Calibration and traceability in biomedical thermometry.

ABOUT WROCLAW

Wrocław is also called "The Venice of the North" due to the fact that, after Amsterdam, Venice and St. Petersburg, it has the biggest number of bridges and footbridges in Europe.

Notable landmarks include the 10th century Cathedral, the Centennial Hall from 1913 (one of the UNESCO world heritage sites), and the distinctive architecture of the Town Hall and Market Square. Wrocław is also host to the Raławice Panorama, a 114m-long cycloramic painting from 1894, commemorating the 100th anniversary of the Battle of Raławice. In recent years Wrocław has also become well-known for its "little people" or "dwarves": small figurines scattered across the city streets which were first conceived as part of the city's anti-communist movement in 2005. These now number more than 350, and can be located with the help of a dedicated tourist map. Wrocław Zoo, close to our congress venue, is the oldest zoo in Poland, and the third largest zoological gardens in the world in terms of the number of species on display. In summertime, large numbers of visitors are attracted at night to Wrocław's "Multimedia Fountain" close to the Centennial Hall. This is one of the largest operating fountains in Europe, and stages dramatic light shows set to music.

TRAVEL

COPERNICUS AIRPORT WROCLAW is about 10 km from the city centre, and connects Wrocław with Warsaw, Gdansk, and destinations throughout Europe. From the airport you can reach the city centre by a shuttle bus (journey time about 30 minutes), or by bus No. 106, which leaves every 15 minutes (journey time about 40 minutes) or by taxi. Wrocław's main rail station, WROCLAW GŁÓWNY, connects the city to other major destinations across Poland and eastern Europe. Wrocław's central bus station is located at 1/11 ul. Sucha, adjacent to the main railway station, and connects the city by road to all major Polish and European destinations.

Preliminary Schedule.

XVI Congress of the European Association of Thermology, 6th – 8th September 2024, Wrocław University of Environmental and Life Sciences.

Time	Friday	Saturday	Sunday	
8.30	Course Registration	Congress registration	Morning session 1	
9.00 - 10.30	Short Course on Medical Thermography	Morning session 1	Morning session 1 followed by prizegiving, close of congress	
10.30 - 11.00		Coffee break	Coffee break	
11.00 – 12.30		Morning session 2	EAT General Assembly	
12.30 – 13.00		Poster viewing		
13.00 – 14.00		Lunch		
14.00 – 15.30		Afternoon session 1	Tour around Wrocław's Old Town and Ostrów Tumski	
15.30-16.15		Tea break		
16.15 – 18.00		Afternoon session 2		
18.30 – 20.00		Congress registration		
19.30-22.00			Gala dinner	



European Association of Thermology

Short Course on Medical Thermography

*Friday 6th September 2024, Wrocław University of
Environmental and Life Sciences Wrocław, Poland*

Following on from successful courses in Porto, Madrid, London, and online in 2021, the next EAT Short Course on Medical Thermography will take place immediately prior to the EAT 2024 Congress in Wrocław, Poland. The course aims to deliver a thorough introduction over one full teaching day to basic thermal physiology and the principles of infrared thermography for human body surface temperature measurement. It will be taught by an experienced faculty of EAT clinicians, biomedical researchers and imaging scientists. Aspects of reliable thermogram capture will be demonstrated in a laboratory session, and students will have the opportunity to practice thermal image analysis in a supervised “hands-on” session.

Syllabus

- Physical principles of heat transfer
- Principles of thermal physiology/skin blood perfusion
- Standardisation of thermal imaging, recording and analysis
- Quality assurance for thermal imaging systems
- Producing a thermographic report
- Provocation tests
- Image analysis
- Hands-on supervised practice
- Educational resources

Registration

The course fee (inclusive of lunch and coffee breaks) is €220

Register from 1st January 2024: details online at www.eurothermology.org/education.html

Questions? Contact the EAT at eurothermology@gmail.com

