

# CALL FOR ABSTRACTS



WROCLAW UNIVERSITY  
OF ENVIRONMENTAL  
AND LIFE SCIENCES

## XV Congress of the European Association of Thermology

*1<sup>st</sup> – 4<sup>th</sup> September 2021*

*Faculty of Biology and Animal Science*

*Wrocław University of Environmental and Life Sciences*

*Wrocław, Poland*



XV Congress of the European  
Association of Thermology

Wrocław • POLAND 2021

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[www.eurothermology.org/XVCongress.html](http://www.eurothermology.org/XVCongress.html)

The EAT and Wrocław University of Environmental and Life Sciences are delighted to invite you to participate in the XV EAT Congress in Wrocław, Poland from 1<sup>st</sup> to 4<sup>th</sup> September 2021.

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) and London (2018) the Congress heads to eastern Europe for 2021 to Wrocław in Poland.

The Organising Committee looks forward to welcoming you to Wrocław University of Environmental and Life Sciences in the summer of 2021.



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 Vovoideship. 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 (POL), Chair**

Kurt Ammer (AUT)  
 Wanda Górniak (POL)  
 Kevin Howell (GBR)  
 Anna Jung (POL)  
 Damian Knecht (POL)  
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 Manuel Sillero-Quintana (ESP)  
 Maria Soroko (POL)  
 Hisashi Usuki (JPN)  
 Ricardo Vardasca (POR)  
 Ho Yeol Zhang (KOR)

## KEY DATES.

Abstract submission will open online on 31<sup>st</sup> August 2020, and authors will be notified of acceptance for oral or poster presentation by 1<sup>st</sup> March 2021.

**31<sup>st</sup> August 2020.** Opening of abstract submission and registration.

**31<sup>st</sup> December 2020.** Abstract submission deadline.

**1<sup>st</sup> March 2021.** Acceptance notification to authors.

**3<sup>rd</sup> May 2021.** End of Early Registration and deadline for registration of presenting authors



## REGISTRATION FEES (\*)

	Early Registration (Until 03 MAY 2021)	Late Registration (After 03 MAY 2021)
<b>EAT MEMBER</b>	€250	€300
<b>Non-Member</b>	€300	€350
<b>One-day registration</b>	€100	€150
<b>Student</b>	€100	€150
<b>Accompanying person</b>	€50	€50

(\*) Further information about the registration process is online at [www.eurothermology.org/XVCongress.html](http://www.eurothermology.org/XVCongress.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. URO 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 €50 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. We will have the opportunity to visit this spectacle as part of the congress social programme.

## 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.

**XV Congress of the European Association of Thermology, 1<sup>st</sup> – 4<sup>th</sup> September 2021, Wrocław University of Environmental and Life Sciences.**

Time	Wednesday	Thursday	Friday	Saturday
8.30	Course Registration	Registration	Registration	Tour around Wrocław's Old Town and Ostrów Tumski 
9.00 - 10.30	Short Course on Medical Thermography	Morning session 1	Morning session 1	
10.30 - 11.00		Coffee break	Coffee break	
11.00 – 12.30		Morning session 2	Morning session 2	
12.30 – 13.00		Poster viewing 1	Poster viewing 2	
13.00 – 14.00		Lunch	Lunch	
14.00 – 15.30		Afternoon session 1	Afternoon session 1	
15.30- 16.15		Tea break	Tea break	
16.15 – 17.30		Afternoon session 2	Afternoon session 2	
17.30 – 18.30	Registration		<b>EAT General Assembly</b>	
18.30 – 20.00	Welcome Reception, Faculty of Biology and Animal Science			
19.00- 22.00		Gala Dinner at Summer Restaurant	Fountain show	





# European Association of Thermology

## Short Course on Medical Thermography

*Wednesday 1<sup>st</sup> September 2021, Wrocław University of  
Environmental and Life Sciences Wrocław, Poland*

Following on from successful courses in Porto, Madrid and London, the next EAT Short Course on Medical Thermography will take place immediately prior to the EAT 2021 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 €200

Register from 1<sup>st</sup> January 2021: details online at [www.eurothermology.org/education.html](http://www.eurothermology.org/education.html)

Questions? Contact the EAT at [eurothermology@gmail.com](mailto:eurothermology@gmail.com)

