

## INTERNATIONAL CONFERENCE "THERMOGRAPHY AND THERMOMETRY IN INFRARED"

Conference "Thermography and Thermometry in Infrared" is the main conference on thermal imaging in Poland. It takes place every two years. It is a scientific and technical forum, where experts in various fields dealing with thermography can exchange their experiences, present the results of their research and discuss the use of thermography and thermometry in infrared. The conference helps in integrating the scientific and research community with industry.

The first organizer of the conference was Dr. Piotr Pręgowski. Thanks to him, the conference gained a high scientific rank and contributed to the integration of scientists and technicians involved in thermography. The actual organizer of the TTP Conference is the Institute of Electronics (Lodz University of Technology). The ambition of the TTP Conference organizers is to maintain the current conference profile, i.e. to promote and develop thermographic techniques in various fields of science and technology, with particular emphasis on quantitative thermography. The TTP Conference is accompanied by an exhibition of thermal imaging equipment, where the manufacturers present their latest hardware and software achievements.

## CONFERENCE TOPICS

- Infrared detectors, detection of infrared radiation and radiometric temperature measurement
- Thermal imaging systems and their software
- Modelling and measurement of temperature distribution, thermal processes
- Non-destructive testing using infrared techniques
- Biomedical applications of infrared thermal imaging
- Industrial applications of infrared thermal imaging
- Civil engineering applications of infrared thermal imaging
- Scientific and technological applications of infrared thermal imaging
- Applications of artificial intelligence in IR thermography

The authors presented their works either in Polish or in English.

## THERMOGRAPHIC SCHOOL

On **23.09.2025** the organizers invite for lectures and demonstrations during the thermographic school. The lecturers are specialists from Poland and abroad. The organizers issue certificates of participation in the thermographic course.

## EXHIBITORS SESSION

As in previous years, there will be an exhibition of thermal imaging equipment during the TTP 2025 Conference. Manufacturers of thermographic hardware and software will be presenting their offer and their latest achievements. We offer two pages (full color) in conference proceedings and the possibility of presentation during Sponsors' plenary session.

## PAPERS AND PUBLICATIONS

The organizers grant the possibility of publication of selected papers (in English or Polish) in the **PAR Journal** (70 p).

### PAR Measurement Automation Robotics

The papers will undergo a review process according to the PAR Editorial Office requirements. The hardcopies of PAR, entirely dedicated to the TTP Conference, will be delivered at the registration desk. For papers published in PAR, it is necessary to provide abstracts according to the template, which will be included in the electronic version of the conference proceedings (pendrive). The deadline for abstract submission is **30.05. 2025**.

Due to the review process, we kindly ask for **submission of the papers in electronic form until 20.05.2025**. The detailed guidelines for authors will be presented on the website <https://thermo.p.lodz.pl/ttp> and will be send to you later on.

## POSTER SESSION

There is a poster session during the TTP 2025 Conference. Every exhibitor gets 0.5 m<sup>2</sup> space for presenting his work. All the required stationery will be delivered by the organizers.

## IMPORTANT DATES

**01.04.2025** – registration via the website  
**20.05.2025** – submission of the full paper in electronic form (**PAR**) via the website <https://thermo.p.lodz.pl/>  
**30.05.2025** – submission of the paper in electronic form for publication in the conference proceedings, via the website <https://thermo.p.lodz.pl/ttp>.  
**28.09.2025** – **Lodz University of Technology** beginning of the TTP Conference.

## FEES

The conference fee covers the participation in the conference, accommodation (3 days), board, conference proceedings and an excursion.

**400 EUR (1600 PLN) – with accommodation in single room**  
**200 EUR (1000 PLN) – without accommodation**  
**200 EUR (1000 PLN) – student fee with accommodation in double room**  
**0 EUR – for participation in the sessions after registration**  
**Late payment after June 15<sup>th</sup> – additional 100 EUR**

Bank account number will be given on the conference website.

## TIME AND VENUE

The TTP 2025 Conference will be held on  
**23 - 25 September 2025**  
**Lodz University of Technology**  
former textile factory from the early 20<sup>th</sup> century

Detailed information on conference venue can be found at the website <https://thermo.p.lodz.pl/ttp> and it will be given in the next messages.

## ACCOMPANYING EVENTS

The TTP 2025 Conference will be accompanied by meetings, the main purpose of which is to integrate conference participants, scientists, engineers, practitioners and enthusiasts of infrared thermography. A sightseeing trip is also planned.

## SCIENTIFIC COMMITTEE

Prof. Halina Abramczyk – Międzyresortowy Instytut Techniki Radiacyjnej  
Dr Mariusz Borecki – Instytut Metalurgii Żelaza, Gliwice  
Prof. Krzysztof Buczyłko – Uniwersytet Medyczny, Łódź  
Dr Mariusz Felczak – Politechnika Łódzka  
Prof. Marek Fidali – Politechnika Śląska  
Prof. Natalia Hots – Politechnika Lwowska, Ukraina  
Prof. Zdzisław Jankiewicz – Wojskowa Akademia Techniczna, Warszawa  
Prof. Anna Jung – Wojskowy Instytut Medyczny, Warszawa  
Prof. Mariusz Kaczmarek – Politechnika Gdańska  
Dr Marcin Kałuża – Politechnika Łódzka  
Dr Rafał Kasikowski – Politechnika Łódzka  
Dr Mariusz Kastek – Wojskowa Akademia Techniczna  
Prof. Tadeusz Kruczek – Politechnika Śląska  
Prof. Zbigniew Lisik – Politechnika Łódzka  
Dr Andrzej Lubecki – Uniwersytet Warmińsko-Mazurski, Olsztyn  
Prof. Henryk Madura – Wojskowa Akademia Techniczna  
Prof. Jerzy Luciński – Politechnika Łódzka  
Prof. Andrzej Materka – Politechnika Łódzka  
Prof. Gilbert De Mey – Uniwersytet w Gandawie, Belgia  
Prof. Waldemar Minkina – Uniwersytet Jana Długosza w  
Prof. Andrzej Nowak – Politechnika Śląska, Gliwice  
Prof. Antoni Nowakowski – Politechnika Gdańska  
Dr Robert Olbrycht – Politechnika Łódzka  
Dr Grzegorz Owczarek – independent expert  
Prof. Elżbieta Pieczyńska – IPPT PAN, Warszawa  
Doc. Stanisław Poloszyk – Politechnika Poznańska  
Dr Piotr Pręgoski – Pręgoski Infrared Services, Warszawa  
Prof. Antoni Rogalski – Wojskowa Akademia Techniczna  
Dr Leszek Różański – Politechnika Poznańska  
Prof. Janusz Rybiński – Szkoła Główna Służby Pożarniczej, Warszawa  
Dr Tomasz Sosnowski – Wojskowa Akademia Techniczna  
Dr Maria Strąkowska – Politechnika Łódzka  
Dr Anna Szajewska – Szkoła Główna Służby Pożarniczej, Warszawa

Prof. Waldemar Świdorski – Wojskowy Instytut Techniczny Uzbrojenia  
Prof. Andrzej Wawrzynek – Politechnika Śląska, Gliwice  
**Prof. Bogusław Więcek – Politechnika Łódzka (chairman)**  
Prof. Zygmunt Wróbel – Uniwersytet Śląski, Katowice

## ADDITIONAL INFORMATION

Please send all the inquiries and comments to the conference secretariat. The preferred contact method is an electronic correspondence.

All important information will be sent in subsequent communications and will be posted on the conference website <https://www.thermo.p.lodz.pl/ttp>.

## ORGANIZING COMMITTEE

Dr inż. Mariusz Felczak - chairman  
Prof. dr hab. Bogusław Więcek  
Dr inż. Marcin Kałuża  
Dr inż. Rafał Kasikowski  
Dr inż. Robert Olbrycht  
Dr inż. Iyad Shatarah  
Dr inż. Błażej Torzyk  
Mgr inż. Sebastian Urbaś

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# XVI International Conference THERMOGRAPHY AND THERMOMETRY IN INFRARED



Lodz University of Technology  
23-25 September 2025



Politechnika Łódzka  
Instytut Elektroniki

