

18th Congress of the Polish Association of Thermology and Certifying course: "Practical application of thermography in medical diagnostics"

Zakopane, April 4th – 6th, 2014

Scientific Committee:

Prof. Jung Anna MD, PhD (Poland)
Prof. Ammer Kurt MD, PhD (Austria)
Dr Howell Kevin PhD (UK)
Doc. Kalicki Boleslaw MD, PhD (Poland)
Murawski Piotr Msc, Bsc. (Poland)
Prof. Ring Francis Dsc (UK)
Prof. Sillero-Quintana M. PhD(Spain)
Prof. Wićcek Boguslaw, PhD (Poland)
Zuber Janusz MD, PhD (Poland)

Organizers

Paediatric, Nephrology and Alergology Clinic
Military Institute of Medicine, Warsaw, Poland

Organizing Committee:

Prof. Jung Anna MD, PhD
Zuber Janusz MD, PhD
Doc. Kalicki Boleslaw MD, PhD
Rustecka Agnieszka MD
Lipińska-Opalka Agnieszka MD

Conference venue:

Hotel "HYRNY"
Zakopane, Pilsudskiego str 20

Chair of the Organizing and Scientific Committee

Prof. Anna Jung MD, PhD

Programme

Saturday, April 5th 2014

09:00 - 11:00 Session I

Chairmen: Prof. Francis Ring, Prof. Kurt Ammer

1. Ring F. (UK)
Infrared Imaging in Diabetes: an overview. (
2. Ammer K. (Austria)
The value of thermography in back pain patients
3. Viter VI, Vavilov AYu, Urakov AL, Chirkov SV. (Russia)
Infrared thermometry for assessing the onset of mechanical trauma that resulted in bruises or abrasion in living persons
4. Cholewka A. -(Poland)
The usage of thermovision in photodynamic therapy.

11:20 - 13:00 Session II

Chairmen: Prof. Anna Jung, Dr. Kevin Howell

1. Rustecki B, Rustecka A, Kalicki B, Kwasiborski P, Ring F, Truszczynski A, Jung A. (Poland).
Comparison of core temperature measured at the esophagus with infrared thermographic temperature monitoring in patients undergoing general anesthesia
2. Mozanski M, Rustecki B, Kalicki B, Jung A. (Poland)
Evaluation of paravertebral blocks for mastectomy in an high risk patient by means of infrared imaging - a case report

3. Strakowska M, Wiecek B, De Mey G. (Poland)
Thermal modeling of a tissue for cold stress and medical screening applications.
4. Soiher MG, Soiher MI, Urakov AL, Reshetnikov AP, Kopylov MV, Fischer EL.(Russia)
Local facial temperature can be used to identify the salivary glands, mimic and masticatory muscles

14:30 - 16:00

Session III

Chairmen: Prof. Adriana Nica, Prof. Boguslaw Wiecek

1. Mróz J, Kalicki B, Lipinska-Opalka A, Krawczyk A, Jung A, Zuber J, Zaganczyk B. (Poland)
Application of thermography in the diagnosis and treatment monitoring of the Complex Regional Pain Syndrome type I.
2. Kalicki B, Mróz J, Iwaniszczuk A, Krawczyk A, Lipinska-Opalka A, Rustecki B, Murawski P, Zuber J, Jung A. (Poland) - Thermographic imaging in selected physiotherapeutic treatments.
3. Urakov AL, Urakova NA. (Russia)
Temperature of the site of injection in subjects with suspected "Injection's disease"
4. Kasatkin AA, Reshetnikov AP. (Russia)
Assesment method of irritating effects intravenous catheter using infrared thermography.
5. Dima V, Demetrian M, Dima C, Nica A (Romania)
The use of infrared thermography in neonatology

16:45 - 17:00

Training course

Chairman: Prof. Antoni Nowakowski, Doc. Boleslaw Kalicki

1. Krawczyk A. (Poland)
The usage of thermovision in examination of electromagnetic structures.
2. Wiecek B, Strakowski R. (Poland)
Design of medical bolometer thermal cameras with prolonged time of uninterrupted operation
3. Firm presentation.

17:00 - 18:30

EAT committee meeting

Sunday, April 6th 2014

09:00 - 11:00

Session IV

Chairman: Prof. Manuel Sillero-Quintana, Dr n.med. Janusz Zuber

1. Cholewka A. (Poland)
The usage of thermovision in capacity tests of athletes.
2. Sillero-Quintana M, Fernandez Jaen T, Fernandez-Cuevas I, Gomez-Carmona PM, Arnaiz J, Perez MD, Guillen P. (Spain) - Infrared Thermography as a support tool for screening and early diagnosis of sport injuries.
3. Adamczyk JG, Boguszewski D, Siewierski M, Bialoszewski D. (Poland)
Non-invasive evaluation of lactate level in capillary blood during post-exercise recovery.
4. Boguszewski D, Adamczyk JG, Janicka M, Mrozek N, Piejko K, Bialoszewski D. (Poland)
Applying of thermovision in the estimation of the influence of the sports massage on selected physiological parameters of upper limbs.
5. Nowakowski A. - (Poland)
IR - Descriptors in quantitative evaluation of wound healing.