

**XXII Meeting of the Polish Society of Medical
Thermology Combined with
The European Association of Thermology
Zakopane, Poland, 13-15th April 2018**

Scientific Committee:

Prof. Kevin Howell Ph.D (UK)

Prof. Francis Ring Dsc (UK)

Prof. Kurt Ammer MD, Ph.D (AUT)

Prof. James Mercer Dsc (Norway)

Prof. Ricardo Vardasca Ph.D (POR)

Prof. Manuel Sillero-Quintana Ph.D (SPA)

Dr. Aderito Seixas MSc. (POR)

Prof. Anna Jung MD, Ph.D (Poland)

Prof. Bogusław Więcek Ph.D, Eng (Poland)

Prof. Armand Cholewka Ph.D, Eng (Poland)

Prof. Antoni Nowakowski Ph.D, Eng (Poland)

Dr. Janusz Żuber MD, Ph.D (Poland)

***Conference venue:* Hotel „HYRNY”, Zakopane, Piłsudskiego str.20**

PROGRAMME of the CONFERENCE

***13th April, Friday – 7p.m. Welcome Dinner (HYRNY Hotel) and
opening the Conference - Prof. Anna Jung, Prof. Kevin Howell, Prof.
Armand Cholewka***

22nd April, Saturday

Session I: 9.00 – 10.50

Chairman: Prof. Kurt Ammer, Prof. Kevin Howell

1. SHOULD INFRARED THERMAL IMAGING BE CLASSIFIED AS QIB (QUANTITATIVE IMAGING BIOMARKER)? K.Ammer
2. THE IMPORTANCE OF THERMOGRAPHY IN DIFFERENTIAL DIAGNOSIS OF GROWING PAIN J.Gabrhel, Z.Popracova, H.Tauchmanova
3. A FUNCTIONAL IMAGING MULTIMODALITY APPROACH TO MONITOR A CASE STUDY ON HIGHLY VASCULARIZED THYROID NODULE. R.Vardasca, C.Megalhaes, C.Rio, C.Freitas, A.Carvalho, R. Carvalho, J.Mendes.
4. DYNAMICS OF LOCAL TEMPERATURE IN THE INDEX FINGERTRIP AFTER CONTACT WITH THE RIFFLE TRIGGER IN FROSTY WEATHER. A.L. Urakov, V.B. Demment'ev, A.A. Gadelshina.
5. A CASE STUDY OF TIGHT ELECTRONIC CIGAR BURN ASSESSMENT WITH INFRARED THERMAL IMAGING. R.Vardasca, D. Marques, S.Teixeira, A.Silva, J.Mendes .
6. DYNAMICS OF PLANTAR FOOT TEMPERATURE AFTER CONDUCTIVE COLD STRESS IN PATIENTS WITH DIABETIC FOOT. A. Seixas, K. Ammer, R. Carvalho, J.P. Villas-Boas, J. Mendes, R. Vardasca

Coffee break: 10.50 - 11.10

Session II: 11.10 – 13.00

Chairman: Prof. Aleksandr Urakov, Prof. Ricardo Vardasca

1. DEPARTMENT OF BIOPHYSICS, MEDICAL FACULTY, BRNO: OVERVIEW OF RECENT INFRARED THERMOGRAPHIC STUDIES IN HUMAN AND VETERINARY MEDICINE.V. Bernard, E.Staffa, J.Pokorna, A.Bourek, V.Morstein.
2. EFFECTIVENESS OF A CONTACT THERMAL IMAGING SYSTEM IN DETECTION OF BREAST PATHOLOGY. M.Trzyna, A.Jung, A.Pypkowska, J.Biernat, A.Byszek, M.Biernat, A.Szczeńiak, M.Polak, H.Jaremek.
3. COMPARISON OF INFRARED IMAGING AND LIQUID CRYSTAL CONTACT THERMOGRAPHY IN BREAST AFTER MASTECTOMY OR BREAST- CONSERVING SURGERY. A.Szczeńiak, A.Jung, M.Trzyna, A.Maciejewski, A.Pypkowska, J. Biernat, A.Byszek, M.Biernat, A.Cholewka, M.Polak, H.Jaremek
4. INFRARED THERMOGRAPHY AND INDOCYANINE GREEN ANGIOGRAPHY AS IMAGING METHODS IN COLON SURGERY – CASE STUDY. E.Staffa, V.Bernard, V.Can, J.Pokorna, A. Bourek, V. Mornstein.
5. DIFFERENCES IN SKIN TEMPERATURE BEFORE AND AFTER BRACHYTHERAPY TREATMENT ON BASAL CELL CARCINOMA. Ł. Kapek, A. Cholewka, M. Szlag, P. Wojcieszek, S.Kellas – Ślęczka, K. Śłosarek, A. Cholewka

Lunch: 13.00 -14.15

Session III: 14.15 – 16.30

Chairman: Prof. Anna Jung, Prof. Armand Cholewka

1. THE APPLICATIONS OF ACTIVE DYNAMIC THERMOGRAPHY IN TISSUE- LIKE SYSTEM- SEARCHING FOR MEDICAL APPLICATIONS. T. Kasprzyk, B. Mleczko, T. Winiarz, A. Stanek, A. Cholewka
2. COMPARISON OF THERMAL EFFECTS OF HOT STONE, RUBBER CUP AND CLASSICAL MASSAGES. D. Boguszewski, J.G. Adamczyk, D. Białoszewski
3. INFLUENCE OF WELLNESS TREATMENT (FINNISH DRY SAUNA) ON THE DISTRIBUTION OF BODY TEMPERATURE DURING ENDURANCE TRAINING. M. Binek, Z. Drzazga, I. Pokorna
4. FLIR COMPANY PRESENTATION. P. Rutkowski

COFFEE BREAK 15.15 – 15.30

5. EVALUATION OF RECOVERY EFFECT OF FOAM ROLLING MASSAGE WITH TWO DIFFERENT TYPES OF ROLLER. J.G. Adamczyk, D. Boguszewski, D. Białoszewski
6. CAPSAICIN EFFECTS MEASURED BY INFRARED THERMOGRAPHY. J. Pokorna, E. Staffa, V. Bernard, V. Mornstein
7. EVALUATION OF HYPERBARIC OXYGEN THERAPY EFFECTS IN HEARD-TO-HEAL WOUNDS STUDIED BY THERMAL IMAGING AND PLANIMETRY. B. Englisz, A. Cholewka, E. Firganek, G.Knefel, G. Liszka, M. Kawecki, M. Nowak, K. Sieroń, A. Stanek
8. THE APPLICATION OF THERMAL IMAGING IN THIRD MOLAR TEETH SURGICAL EXTRACTION. T. Kasprzyk, K. Bałamut, A. Stanek, K. Sieroń, M. Kaszuba, E. Kopczyńska, A. Cholewka, T. Morawiec

Closing of the Conference – Prof. Anna Jung, Prof. Armand Cholewka

EAT Board Meeting: 16.45 – 18.00