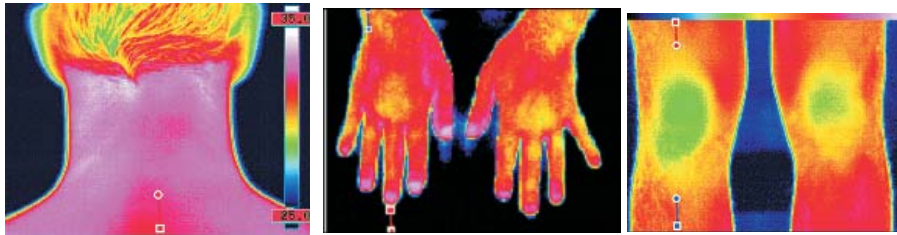


## Quantitative Thermal Imaging in Medicine



Die Österreichische Gesellschaft für Thermologie  
erlaubt sich zum

## 24. Thermologischen Symposium einzuladen

ORT: Raddisson Blue Palais Hotel, Blauer Saal  
Parkring 16, 1010 Wien

ZEIT: 12. November 2011, 8.30 bis 13.30 Uhr

Chair: **Prof Dr. Anna Jung (Poland), Prof Dr. James Mercer (Norway)**

8.30-8.50 **Rod Thomas (UK)**

High performance Computing in Wales and Related Thermographic Advancements

8.50-8.55 Discussion

8.55-9.15 **Rosie E.Richards, J.Allen, RE.Smith, KJ.Howell (UK)**

Evaluation of three thermal imagers for skin temperature measurement using the Land P80P blackbody source and a spatial resolution test object.

9.15- 9.20 Discussion

9.20.-9.35 **Ricardo Vardasca (Portugal)**

The impact of compression algorithms over thermographic data transmitted via network

9.35-9.40 Discussion

9.40- 10.00 **Ring EFJ, Jung A, Kalicki B, Zuber J, Rustecka A, Vardasca R (UK/Poland)**

Infrared Thermal Imaging for Fever Detection in Children

10.00-10.05 Discussion

10.05-10.25 **Simone Westermann (Austria)**

The effect of draft on the temperature profile of the distal front limb of the horse

10.25-10.30 Discussion

**10.30-11.00 Coffee Break**

Chair: **Prof Dr F.Ring (UK), Prof Dr Kurt Ammer (Austria)**

- 11.00- 11.20 Linn Eva Hauvik1, **James B. Mercer** (Norway)  
Thermal distribution patterns of the skin surface of the head in bald-headed male subjects measured by dynamic infrared thermography (DIRT)
- 11.20-11.25 Discussion
- 11.25- 11.45 **Manuel Sillero Quintana**, Fernández Cuevas I, Gómez Carmona PM, García de la ConcepciónMA(Spain)  
Application of thermography as injury prevention method in sports
- 11.45- 11.50 Discussion
- 11.50- 12.10 **Joseph Gabrhel** , Z.Popracová, H.Tauchmannová, Z Chvojka (Slovak Republic/Czech Republic )  
Thermographic and sonographic examination of painful knees in young athletes.
- 12.10-12.15 Discussion
- 12.15-12.35 **GómezCarmonaPM**, Sillero QuintanaM, Fernández Cuevas I, Noya Salces J, Fernández Rodríguez I (Spain)  
Application of an injury prevention protocol based on infrared thermography in professional soccer players during pre-season
- 12.35-12.40 Discussion
- 12.40-12.55 **Kurt Ammer** (Austria)  
Evaluation of various massage techniques by thermography
- 12.55-13.00 Discussion
- 13.00-13.25 **Francis Ring** (UK)  
The scientific heritage of Ludwig Boltzmann
- 13.25- 13.30 Discussion

### 13.30 Close

#### Referenten und Vorsitzende

- |                               |  |
|-------------------------------|--|
| Prof. Dr. Kurt Ammer PhD      | Institut für Physikalische Medizin & Rehabilitation Hanuschkrankenhaus, Wien, Österreich & Medical Imaging Research Unit, Faculty of Advanced Technology University of Glamorgan, Pontypridd, UK |
| Dr Jozef Gabrhel              | Private Clinic of Rehabilitation Medicine, Acupuncture, and Thermography Diagnostics, Trenčín;   |
| Prof.Dr Anna Jung             | Paediatrics and Nephrology Clinic, Military School of Medicine, Warsaw, Poland   |
| Prof Dr James B. Mercer       | Cardiovascular Research Group, Department of Medical Biology, Institute of Health Sciences, Faculty of Medicine, University of Tromsøe N-9037 Tromsøe, Norway                                    |
| Rosie E.Richards              | Royal Free Hampstead NHS Trust, London, NW3 2QG, U.K.  |
| Prof. Dr. Francis Ring        | Medical Imaging Research Unit, Faculty of Advanced Technology, University of Glamorgan, Pontypridd, UK   |
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| Dr Simone Westermann          | Equine Clinic, Clinic for Orthopaedics and Surgery, University of Veterinary Medicine Vienna, Austria  |

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December 31<sup>st</sup>, 2011



Life is Short, Art Long  
Hippocrates, Aphorism

# 18th European Congress of Physical & Rehabilitation Medicine

## *Science & Art in Physical & Rehabilitation Medicine*

**ESPRM** 

European Society of Physical  
& Rehabilitation Medicine

IN COLLABORATION WITH



Hellenic Society of Physical  
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