



Scientific Program

Thursday, 3.6. SKIN IMAGING 4PM - 8PM CET (Berlin Time)
(moderator: Bernard Querleux)

- 4.00-4.10 Live Opening (congress president Karsten König, ISBS president B. Querleux)
4.10-4.40 plenary talk:
Wolfgang Drexler, Austria: Multimodal optical imaging of skin
(prerecorded 25min@200 MB + 5min QA live)
- 4.40-6.00 4 invited talks (prerecorded 15min@150 MB + 5min QA live)
4.40-5.00 Giovanni Pellacani, Italy: State-of-the-Art Confocal Reflectance Microscopy
5.00-5.20 Peter So, USA: First two-photon imaging in skin
5.20-5.40 Karsten König, Germany: Multimodal Multiphoton Tomography (MPT)
5.40-6.00 Tim Lee, Canada: Artificial Intelligence in Optical Skin Analysis –
Challenges and Opportunities
- 6.00-07.50 9 presentations (prerecorded 10min@100MB + 2min QA live)
6.00-6.12 A. Bergheau, France Subcutaneous Skin Elasticity Imaging:
UNDERSKIN®
6.12-6.24 A. Bezugly, Russia Skin Fillers Visualization and Filler Type
Determination with High Frequency Ultrasound.
6.24-6.36 G. Tian, Canada In Vivo Assessment of the Human
Dermal–Epidermal Junction Zone by Volumetric
Multiphoton Microscopy
6.36-6.48 M. Pedrazzani, France Line-field OCT
for non-invasive skin imaging: Focus on dermal-
epidermal junction and keratinocyte network
6.48-7.00 G. M. D’Angelo Costa, Application of skin imaging techniques
Brazil for the efficacy evaluation of a cosmetic
formulation containing Spirulina sp.
7.00-7.12 P. M. Maia Campos, Brazil In vivo skin penetration of d-panthenol by
Confocal Raman Spectroscopy
7.12-7.24 A. Martin, Brazil Permeation of Nano Encapsulated Vitamin D3
Through Human Skin by in vivo Confocal Raman
Spectroscopy
7.24-7.36 J. Ogien, France Handheld line-field optical coherence
tomography (LC-OCT) device for three-
dimensional skin imaging
7.36-7.48 I. Lange, Germany Feature extraction for classification of lesions and
malignant melanomas in multiphoton tomography
skin images
- 7.50-08.00 Day closing remarks and announcement of World Congress in Berlin 2022
4PM-8PM Poster Session

Friday, 4.6. SKIN BIOPHYSICS 8AM - 12PM CET (Berlin Time)
moderator: Joachim Fluhr

08.00-08.30 plenary talk:

Masayuki Amagai: Corneoptosis, unique cell death process of keratinocytes
(25min@200 MB+5min QA)

08.30-09.50 4 invited talks (15min@150 MB+5min QA)

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| 8.30-8.50 | Michael Roberts, Australia | Using multiphoton microscopy to characterise skin transport determinants and processes |
| 8.50-9.10 | Mariko Egawa, Japan | Potential of coherent Raman scattering microscopy in skin evaluation |
| 9.10-9.30 | Stephan Bielfeldt, Germany | Confocal Raman Spectroscopy: An in vivo technique of many talents |
| 9.30-9.50 | Joachim Fluhr, Germany | Stratum Corneum Hydration: Dry skin – sensitive skin and beyond |

09.50-11.50 10 presentations (10min@100MB+2min QA)

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| 9.50-10.02 | J. Choi, Korea | Evaluation of perceived skin brightness in Asian women |
| 10.02-10.14 | S. Wang, China | The Skin Phenome Research |
| 10.14-10.26 | H. Zahouani, France | “TOUCHY Finger” an augmented and connected human finger to assess skin and hair feel |
| 10.26-10.38 | C. Bonnaud-Rosaye, France | New Protocol to Evaluate Emotional Experience of Customers |
| 10.38-10.50 | N. Muizzuddin, USA | Balancing skin Microbiome- Fact or fiction |
| 10.50-11.02 | M. Lee, Korea | Pilot study for effects of facial skin colors on facial impressions |
| 11.02-11.14 | M. Florindo, Portugal | Studying the impact of dynamical movement on skin physiology |
| 11.14-11.26 | M. Ayadh, France | Quantitative characterization of human skin tension in vivo using a new parameter: Tension index |
| 11.26-11.38 | C. Ferreira-Pego, Portugal | Exploring the impact of vegetarian-vegan and omnivores regimes in human skin physiology |
| 11.38-11.50 | A. König, Germany | Optical reprogramming of skin fibroblasts |

11.50-12.00 Day closing remarks and announcement of World Congress in Berlin 2022
8AM-12PM Poster Session

Saturday 5.6. PATHOLOGICAL SKIN - SKIN AGEING
4PM - 8PM CET (Berlin Time), moderator: Stacy Hawkins

- 4.00-4.30 plenary talk:
Julia Welzel, Germany: Optical biopsies (25min@200 MB+5min QA)
- 4.30-5.50 4 invited talks (15min@150 MB+5min QA)
- 4.30-4.50 Mihaela Balu, USA In vivo multiphoton tomography provides insights into therapeutic response of pigmentary skin disorders
- 4.50-5.10 Martin Kaatz, Germany Multicenter clinical study on melanoma detection
- 5.10-5.30 Ana Maria Pena, France In vivo multiphoton imaging for non-invasive time course assessment over 1 year of melanin modulations and retinoids effects on human skin
- 5.30-5.50 Martina Meinke, Germany Risk assessment of skin damage for far-UVC irradiation below 240 nm which can be used to eradicate multi resistant germs and viruses
- 5.50 - 7.50 10 presentations (10min@100MB+2min QA)
- 5.50-6.02 J. Robic, France Impact of aging of the eye contour on perceived age
- 6.02-6.14 J. Servant, France 3D imaging for a global approach to aging signs of the face
- 6.14-6.26 R. Campiche, Austria New Methods for Digital Transfer of Visible Pigmentation from Forearm Irradiation and other Treatment Sites to the Face
- 6.26-6.38 M. Massufero Vergilio, Brazil Deep characterization of cutaneous photoaging intensity by high-frequency ultrasound
- 6.38-6.50 A. Guillermin, France Non - invasive in vivo creep recovery indentation testing for skin modeling
- 6.50-7.02 R. Darlenski, Bulgaria Oxidative stress and anti-oxidant defense in plaque psoriasis
- 7.02-7.14 S. Schwartz, USA Study of Clinical Efficacy and Microbiome Effects of an Anti-Acne Regimen
- 7.14-7.26 S. Figueiredo, France A fast and reliable tool to self-assess sensitive skin
- 7.26-7.38 Y. Wang, Canada Combining Deep Learning and Polarization Speckle for in vivo Skin Cancer Detection
- 7.38-7.50 G. Csany, Hungary Comparison of Maximal Lesion Thickness Measurements between two Portable Skin Ultrasound Imaging Devices
- 7.50 - 8.00 Day closing remarks and announcement of World Congress in Berlin 2022
- 4PM-8PM Poster Session