

Thursday, June 2

TOPIC 1 Emerging Trends in Skin Science Chairs: König, Muizzuddin

09:00-09:15 Live Opening (Congress president, ISBS president)

09:15-10:00 Plenary talk #1: Thomas SCHNALKE

Cells, sera, and microbes: Berlin and the rise of modern medicine

10:00-11:00 Oral presentations (12min + 3min QA)

10:00-10:15 Schleusener: Far-UVC-irradiation at 233 nm for eradication of microbes

10:15-10:30 Darwin: Label-free in vivo imaging of mast cells and macrophages in the dermis

10:30-10:45 Alsamad: Effect of hormonal status on skin physiology in postmenopausal women

10:45-11:30 Coffee break and exhibition

TOPIC 2 Skin in its environment Chairs: Meinke, El Gammal

11:30-12:00 Plenary talk #2: Tracy WANG:

Understanding the skin response to environmental and climate changes

12:00-12:30 Oral presentations (12min + 3min QA)

12:00-12:15 Muizzuddin: Effect of seasonal and geographical variations on skin barrier

12:15-12:30 Tran: Two methods to measure the effect of air pollution in the skin

12:30-13:00 Poster flash presentation #1

13:00-14:00 Lunch break and exhibition/board meeting #1

TOPIC 3 Skin Imaging #1 Chairs: Dubois, Tate

14:00-14:45 Plenary talk #3: Karsten KÖNIG

State-of-the-Art Optical Skin Biopsies

14:45-15:30 Oral presentations (12min + 3min QA)

14:45-15:00 Breunig: Multiphoton Fluorescence Lifetime Imaging for in vivo Skin Investigations

15:00-15:15 Becker: Ultra-Fast Fluorescence Decay in Malignant Melanoma

15:15-15:30 Puppels: Quantitative analysis of in vivo skin penetration by confocal Raman

15:30-16:00 Coffee break and exhibition

TOPIC 4 Skin Imaging #2 Chairs: Fluhr, Lee

16:00-16:45 Plenary talk #4: Arnaud DUBOIS

Line-field confocal optical coherence tomography of the human skin

16:45-17:30 Oral presentations (12min + 3min QA)

16:45-17:00 Folgosa: Optoacoustic 3D functional imaging of skin microvasculature

17:00-17:15 Lboukili: Automated identification of keratinocytes by in vivo RCM

17:15-17:30 König, A: Reflectance microscopy with femtosecond laser pulses

18:00-19:00 General Assembly

19:30-23:30 Boat Tour with Dinner

Friday, June 3

TOPIC 5 Skin Biophysics : Methods&Models Chairs: Querleux, Houser

09:00-09:45 Plenary talk #5: Edoardo MAZZA

Multiscale Analysis of Skin Biomechanics

09:45-10:30 Oral presentations (12min + 3min QA)

09:45-10:00 Évora: Biomechanics and topography of corneocytes using AFM

10:00-10:15 Qiao: Effects of Mechanotransduction on Skin and Fascia

10:15-10:30 Serup: Ultrasound Treatment (HIFU) of dermatological diseases

10:30-11:00 Coffee break and exhibition

TOPIC 6 Biophysics: Methods & Clinics Chairs: Mazza, Fluhr

11:00-11:45 Plenary talk #6: M.C. MEINKE & J.W. FLUHR

From molecular mechanisms to clinical Signs of Aging

11:45-12:45 Oral presentations (12min + 3min QA)

11:45-12:00 Darlenski: Multi-sensor device for Antarctica expedition

12:00-12:15 Andrade: Associating skin variables to dietary patterns

12:15-12:30 Busch: UVA-induced drug release from nanocapsules in hair follicles

12:30-12:45 Maia Campos: RCM for quantification of the skin photoaging and melasma

12:45-13:00 Poster flash presentation #2

13:00-14:00 Lunch break and exhibition

TOPIC 7 Skin Sensory Responses & Treatments Chairs: McGlone, Hawkins

14:00-14:45 Plenary talk #7: Laurent MISERY

Touch, Skin and Nerve Endings

14:45-15:45 Oral presentations (12min + 3min QA)

14:45-15:00 Infante: The Meissner Corpuscles create protrusions in the epidermis

15:00-15:15 Zahouani: Novel finger engineering technology to study human touch

15:15-15:30 Mohammed: Sensory profiling of topical semisolid products

15:30-15:45 Kröger: In vivo localization of carbon black tattoo inks by two-photon FLIM

15:45-16:15 Coffee break and exhibition

TOPIC 8 Skin, Brain & Perception Chairs: Misery, Perez Damonte

16:15-17:00 Plenary talk #8: Francis McGLONE

How about C-Fibres: A Protection Racket from Skin to Brain

17:00-18:00 Oral presentations (12min + 3min QA)

17:00-17:15 Wang: Quantifying facial skin aging signs by deep learning-based algorithm

17:15-17:30 Reble: Estimates of SPF and UVA-PF with simplified diffuse reflectance

17:30-17:45 Nappez: Taking pictures for at-home studies in cosmetics

17:45-18:00 Jiang: Human Perception of Wrinkle Depth

18:00-18:15 Closing Remarks