



29.2.2024 - 1.3.2024

## Live-Seminar in Hamburg

# Advances in Skin Evaluation, Measurement Techniques, and Claims

### THE SGS PRODERM ACADEMY SEMINAR

In the process of developing raw materials and final topical products, it is crucial to conduct studies directly on human subjects' living skin. Without advanced in vivo methods, reliable and trusted claims regarding skin compatibility and efficacy are often unattainable.

The SGS proderm Academy has invited international experts to provide an extensive overview of this field's methods and technology. Participants will gain current insights into skin research, methods, and devices. What sets this seminar apart is that experts will bring their devices for

live demonstrations, allowing hands-on experience for participants, which is not only allowed but encouraged.

## Day 1 - 29.2.2024

9:45 am

### Keynote Lecture on Skin Science



Structure and function of skin, including epidermis, dermis, DEJ, SC barrier including lipids, NMF, antimicrobial barrier, papillary and reticular dermis, appendages. | Prof. Ehrhardt Proksch

11:00 am - 2:00 pm

### Short Lectures on Measurements

Introduction | Stephan Bielfeldt

Standard instruments (skin hydration, pH, sebum, skin mechanics) | Christiane Uhl

In Vivo Confocal Raman Spectroscopy | Dr. Gerwin Puppels

Transepidermal Waterloss (Aquaflex), 2D Capacitance (Epsilon) | Dr. Lori Ciortea

Photographic Techniques | Dr. Matthias Seise

Lunch

2:00 pm - 4:30 pm

### Practical Demonstrations

Standard instruments | Christiane Uhl

In Vivo Confocal Raman Spectroscopy | Dr. Gerwin Puppels

Coffee break

Transepidermal Waterloss (Aquaflex), 2D Capacitance (Epsilon) | Dr. Lori Ciortea

Photographic Techniques | Dr. Matthias Seise

Discussion

End of Day 1

## Day 2 - 1.3.2024

9:00 am

### Keynote Lecture on Skin Science



Healthy skin, Aging skin (incl. photo-aging), pigmentation, ethnic skin, dry skin, compromised skin conditions. | Prof. Martina Meinke

10:25 am - 1:00 pm

### Short Lectures on Measurements

Introduction | Stephan Bielfeldt

Line-field Confocal Optical Coherence Tomography | Colombe Lopez

Skin Profilometry (AEVA-HE) | Edouard Macé

Alternative Sun Protection Measurement (LED-HDRS) | Stephan Bielfeldt

Image Evaluation and Analysis | Dr. Matthias Seise

Lunch

1:00 pm - 3:30 pm

### Practical Demonstrations

Line-field Confocal Optical Coherence Tomography | Colombe Lopez

Skin Profilometry (AEVA-HE) | Edouard Macé

Alternative Sun Protection Measurement (LED-HDRS) | Stephan Bielfeldt

Image Evaluation and Analysis | Dr. Matthias Seise

Discussion Time

End of Seminar

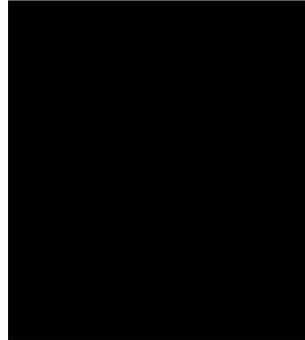
**Faculty** (in alphatecical order)



Stephan Bielfeldt  
Senior Expert Science &  
Innovation | SGS proderm



Dr. Lori Ciorte  
BioX Systems



Gabriel Koeller  
Application Engineer |  
Eotech



Colombe Lopez  
Application Engineer |  
Damae Medical



Edouard Macé  
CEO | Eotech



Prof. Martina Meinke  
Group Leader Experi-  
mental Skin Physiology |  
Charité Berlin



Dr. Gerwin Puppels  
Managing Director |  
River D



Prof. Ehrhardt Proksch  
Christian-Albrechts-Univer-  
sity Kiel



Dr. Matthias Seise  
Group Leader Development  
and Technical Services | SGS  
proderm



Christiane Uhl  
Head Sales | Courage &  
Khazaka



### Seminar fee

Early Bird until 30.9.2023: € 790,-  
Standard fee: € 990,-



### Venue

THE MADISON Hotel  
Schaarsteinweg 4  
20459 Hamburg  
madisonhotel.de



### Contact

SGS proderm GmbH  
Kiebitzweg 2  
D-22869 Schenefeld/Hamburg  
t +49 40 839 358 0  
sgs-proderm.de

## Registration



[sgs-proderm.de](https://sgs-proderm.de)

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