9th World Congress of Teledermatology, Imaging and AI for Skin Diseases
December 9th - 10th 2021
VIRTUAL

PROGRAMME

https://teledermatology.bocemtium.com
## Table of Contents

- Invitation to Participate ......................................................... 3
- Organizing Committee & ISTD Executive Board ...................... 4
- Preliminary Programme ............................................................ 5
  - Virtual Pre-Recorded Sessions .............................................. 5
  - Live Virtual Discussion Sessions ................................. 9
    - Thursday 9th December .................................................. 9
    - Friday 10th December .................................................... 10
- Speakers .................................................................................. 11
- General Information ................................................................. 12
- Sponsors .................................................................................. 14
Dear colleagues and friends worldwide,

The 9th World Congress of Teledermatology, Imaging and AI for Skin Diseases will be a fully virtual event with recorded lectures and interactive panel discussions on the 9th and 10th of December.

Meetings on Telemedicine in Dermatology have been held for 25 years or longer, attracting a small group of passionate early adopters. With COVID-19 changing health service delivery models, many more dermatologists have had to pick up a telephone to conduct their consultations or have embraced digital means of communicating with patients, referrers and colleagues.

We are now observing how digital health is entering the clinical setting. This is empowered by Information and Communication Technology, more recently with Augmented Intelligence and Data Science entering the arena. In the end, this benefits to patients with skin diseases and their health professionals.

Registered participants will receive CME credits and access to the recorded sessions for 12 months.

We here invite you to listen to their stories and share your experiences. Also please consider submitting an abstract of your research or experience in teledermatology for an e-poster.

Dr. Amanda Oakley
President

Dr. Elvira Moscarella
Vice-President

Dr. Trilokraj Tejasvi
Vice-President

Dr. David Moreno-Ramírez
Past-President
9th World Congress of Teledermatology, Imaging and AI for Skin Diseases

December 9th - 10th 2021

ORGANIZING COMMITTEE & ISTD EXECUTIVE BOARD

Amanda Oakley (Hamilton, New Zealand)
President

Elvira Moscarella (Naples, Italy)
Vice-President for Coordination and Inter-institutional Relations

Trilokraj Tejasvi (Ann Arbor, USA)
Vice-President Website and Social Media

Dinesh Kumar Devaraj (Chennai, India)
Secretary Coordination and Inter-Institutional Relations

Christophe Hsu (Geneva, Switzerland)
Secretary Website and Social Media

Gerald Gabler (Graz, Austria)
Treasurer

Liam Caffery (Brisbane, Australia)
Auditor

David Moreno-Ramirez (Seville, Spain)
Past President
Virtual Pre-Recorded Sessions Available From December 6th, 2021

The pre-recorded sessions are on-line and accessible via any browser in the Congress’ Virtual Platform

**Scientific Sessions [1 to 8]** All talks are 20 mins

### Session 1: Teledermatology in the era of COVID-19

- **E-health in Norway before and after the COVID-19 pandemic**
  *Thomas Schopf, NOR*

- **The before, during and after COVID-19 pandemia**
  *Paola Pasquali, ESP*

- **Impact of the COVID-19 pandemic on dermatology practice worldwide**
  *Claudio Conforti, ITA*

- **Digital Dermatology – Experience from Scotland during lockdown and beyond**
  *Shareen Muthiah, GBR*

- **The practice of teledermatology pre-, per, and post-COVID pandemic**
  *Jayakar Thomas, IND*

### Session 2: Imaging technologies in teledermatology

- **Confocal microscopy and its role in teledermatology**
  *Manu Jain, USA*

- **Dermatoscopic imaging**
  *Nizar Mullani, USA*

- **Dermoscopy image quality for teledermatology**
  *Rupert Barry, IRL*
Session 3  Augmented intelligence for skin cancer in practice

- AI in the real world: lessons from 11,000 skin cancer patients
  Dan Mullarkey, GBR & Dilraj Kalsi, GBR

- Augmented intelligence in practice – insights from the SMARTI Trial
  Victoria Mar, AUS

- Real-life implementation of AI in dermatology
  Maryam Sadeghi, CAN

- Objective deep skin phenotyping for melanoma risk stratification incorporating artificial intelligence and 3D total body imaging
  Brigid Betz-Stablein, AUS

- Risks and benefits of AI in Teledermatology
  Josep Malvehy, ESP

- Artificial & augmented intelligence – opportunities and risks
  Philipp Tschandl, AUT

- The latest research on melanoma detection
  Veronica Rotemberg, USA

- Interobserver and Human-AI concordance in differentiating between invasive and in situ melanoma
  John Paoli, SWE & Sam Polesie, SWE

Session 4  PASSION Project

- The PASSION Project: telemedicine in dermatology using AI / machine learning on skin of color – a global collaboration
  Christophe Hsu, CHE

- Deep learning skin disease classifiers - current status and future prospects
  Samesh Gupta, IND

- PASSION Project, data collection in Madagascar and Guinea
  Fahafahantsao Rapelanoro Rabenja, MDG
### Session 5  Teledermatology globally

- **Teledermatology in Africa: partnering together to increase access to care**  
  Kari Wanat, USA

- **Teledermatology in the United States: changes from COVID-19 and future directions**  
  Jules Lipoff, USA

- **Teledermatology in German speaking countries**  
  Christian Greis, CHE

- **Teledermatology - experience in Singapore**  
  Eugene Tan, SGP

### Session 6  Augmented intelligence for general dermatology

- **Piction Health**  
  Susan Conover, USA

- **The true potential of AI in dermatology and teledermatology**  
  Juthika Thakur, CAN

- **AI, machine learning and clinical decision support**  
  Art Papier, USA

- **Teledermatology and AI**  
  Cristian Navarrete-Dechent, CHL

- **Race/Ethnicity Stratified Analysis of an Artificial Intelligence Based Tool for Skin Condition Diagnosis by Primary Care Physicians and Nurse Practitioners**  
  Yun Liu, USA

- **Artificial intelligence in dermatopathology**  
  Kiran Mataparthi, USA

- **From teledermatology to dermatology artificial intelligence, will teledermatology exist in the next 2 years?**  
  Alexander Börve, USA
Session 7 General teledermatology

- A review of international teledermatology
  Karen McKoy, USA

- Sao Paolo Brazil
  Mara Giavina-Bianchi, BRA

- Teledermatology and global access to dermatological care
  David Moreno-Ramírez, ESP

- Virtual dermatology in Nepal
  Anil Jha, NPL

- Telepsoriasis
  Alexander Navarini, CHE

Session 8 Public Health and Digital Health

- Global governance of telemedicine and AI for skin diseases
  Akarsh Venkatasubramanian, CHE

- Digital health policy & regulation – the pulse & the path forward
  Ivy Lee, USA

- Digital technology in skin cancer prevention and early detection
  Monika Janda, AUS

- The role of standards in accelerating the uptake of AI in dermatology
  Liam Caffery, AUS

- Artificial intelligence and skin cancer diagnostics: impact of regulatory reforms on clinical trial design and post-market surveillance
  Samantha MacNamara, AUS
Live Virtual Discussion Sessions. December 9th + 10th, 2021

The recorded discussion sessions will be available online on December 14th.
The Live Virtual Session times are Central European Time (CET) which is 1 hour ahead
of Greenwich Mean Time (GMT +1).

Thursday 9th December: 18.00 - 20.05 [CET]

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion Session 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.00 - 18.05</td>
<td>Welcome Message</td>
</tr>
<tr>
<td></td>
<td>With the ISTD President: Amanda Oakley</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion Session 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.05 - 18.35</td>
<td>Teledermatology in the era of COVID-19</td>
</tr>
<tr>
<td></td>
<td>Chaired by Elvira Moscarella, with Thomas Schopf, Paola Pasquali, Claudia Conforti, Shareen Muthiah, Colin Morton, Jayakar Thomas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion Session 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.35 - 19.05</td>
<td>Imaging technologies in teledermatology</td>
</tr>
<tr>
<td></td>
<td>Chaired by Trilokraj Tejasvi, with Manu Jain, Nizar Mullani, Rupert Barry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion Session 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.05 - 19.35</td>
<td>Augmented intelligence in practice</td>
</tr>
<tr>
<td></td>
<td>Chaired by John Paoli, with Dan Mullarkey, Dilraj Kalsi, Veronica Rotemberg, Josep Malvehy, Philipp Tschandl, Sam Polesie</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion Session 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.35 - 20.05</td>
<td>PASSION Project</td>
</tr>
<tr>
<td></td>
<td>Chaired by Christophe Hsu, with Samesh Gupta, Sharad Kumar, Fahafahantsoa Rapelanana Rabenja</td>
</tr>
</tbody>
</table>
Friday 10th December: 18.00 – 20.05 (CET)

18.00 – 18.30  
**Live Discussion Session 5**

Teledermatology globally  
Chaired by Amanda Oakley, with Kari Wanat, Jules Lipoff, Christian Greis, Eugene Tan

18.30 – 19.00  
**Live Discussion Session 6**

AI for general dermatology  
Chaired by Trilokraj Tejasvi, with Susan Conover, Juthika Thakur, Art Papier, Cristian Navarrete-Dechent, Yun Liu, Kiran Mataparthi, Alexander Børve

19.00 – 19.30  
**Live Discussion Session 7**

General teledermatology  
Chaired by Karen McKoy, with Mara Giavina-Bianchi, Anil Jha, Alexander Navarini

19.30 – 20.00  
**Live Discussion Session 8**

Public Health and Digital Health  
Chaired by Peter Soyer, with Akarsh Venkatasubramanian, Monika Janda, Liam Caffery, Samantha MacNamara

20.00 – 20.05  
**Final remarks and wrap up**

With the ISTD Board Members: Amanda Oakley, Elvira Moscarella, Trilokraj Tejasvi, Dinesh Kumar Devaraj, Christophe Hsu

**Overall Expected Learning Outcomes:**

- To learn the results of studies carried out by various international groups on the different methodologies and uses of teledermatology.
- To learn the results of international studies on different artificial intelligence applications for the diagnosis and treatment of skin diseases.
- To learn the results of international studies on different complementary diagnostic tests applied to teledermatology (confocal, teledermatopathology, etc.)
Barry, Rupert [Ireland]
Betz-Stablein, Brigid [Australia]
Börve, Alexander [USA]
Caffery, Liam [Australia]
Conforti, Claudio [Italy]
Conover, Susan [USA]
Giavina-Bianchi, Mara [Brazil]
Greis, Christian [Switzerland]
Gupta, Somesh [India]
Hsu, Christophe [Switzerland]
Jain, Manu [USA]
Janda, Monika [Australia]
Jha, Anil [Nepal]
Kalsi, Dilraj [UK]
Lee, Ivy [USA]
Lipoff, Jules [USA]
Liu, Yun [USA]
MacNamara, Samantha [Australia]
Malvehy, Josep [Spain]
Mar, Victoria [Australia]
McKoy, Karen [USA]
Moréno Ramírez, David [Spain]
Motaparthi, Kiran [USA]
Mullani, Nizar [USA]
Mullarkey, Dan [UK]
Muthiah, Shareen [UK]
Navarrete-Dechent, Cristián [Chile]
Paoli, John [Sweden]
Papier, Art [USA]
Pasquali, Paola [Spain]
Polesie, Sam [Sweden]
Rapelanoro Rabenja, Fahafahantsoa [Madagascar]
Rotemberg, Veronica [USA]
Sadeghi, Maryam [Canada]
Schopf, Thomas [Norway]
Tan, Eugene [Singapore]
Thakur, Juthika [Canada]
Thomas, Jayakar [India]
Tschandl, Philipp [Austria]
Venkatasubramanian, Akarsh [Switzerland]
Wanat, Kari [USA]
Language and Translation
Organized by an International Scientific Society, all presentations will be given in English. Simultaneous translation will not be provided.

Time Zone
The times for the Live Virtual Discussion Sessions on 9th and 10th December will be Central European Time Zone which is 1 hour ahead of Greenwich Mean Time (GMT +1).

Exhibition
The Congress will have a fully virtual Exhibition Area accessible via the Congress web platform.

Fees

<table>
<thead>
<tr>
<th></th>
<th>Until 2021-10-09</th>
<th>From 2021-10-09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Countries list A [*]</td>
<td>185€</td>
<td>245€</td>
</tr>
<tr>
<td>Countries list B [*]</td>
<td>95€</td>
<td>155€</td>
</tr>
<tr>
<td>Industry professionals</td>
<td>305€</td>
<td>365€</td>
</tr>
</tbody>
</table>

Country lists A & B are based on economic classification of the World Bank Countries Classification (WBCC).
Country list A = High income countries.
Country list B = Rest of countries.
More info at: http://data.worldbank.org/about/country-and-lending-groups

Registration includes:
- HD live & on demand videos of speakers.
- Submission of live, written questions to speakers [**].
- Access to all contents [sessions, e-posters, etc.].
- A personalized certificate of attendance will be given digitally. 80% attendance of the live event is required.

21% VAT INCLUDED

[**] Due to the volume of questions and the available time, we may not be able to forward all questions to speakers.

Cancellation Policy
All cancellations will be valid only if notified in writing to the technical secretariat at teledermatology@bocemtium.com.
For cancellations received before November 5th, 2021, no penalty fee will be applied.
For cancellations received up to November 26th, 2021, a 25 Euros penalty fee will be applied.
After November 26th, 2021 cancellations will not be accepted and there will be no refunds.

CME Credits

The 9th World Congress of Teledermatology, Imaging and AI for Skin Diseases, (live streaming), 09/12/2021-10/12/2021 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 4 European CME credits (ECMECs). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.
To obtain the CME certificate, you must have 80% online attendance (an online tracking system will be in place to monitor the attendance of participants) and the evaluation form must be filled out online in the personal user area. You will then be able to download your CME certificate. The validity of the accreditation of recordings made available ON-DEMAND will only be for a period of 3 months after the event has taken place.
American Medical Association (AMA)
The American Medical Association (AMA) has an agreement of mutual recognition of continuing medical education (CME) credit with the European Union of Medical Specialties (UEMS). Physicians (MDs, DOs or equivalent international degree) may have their EACCME European CME Credits (ECMEC®s) converted to AMA PRA Category 1 Credit™ by applying to the AMA.

Royal College of Physicians and Surgeons of Canada
Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

Insurance
The Organizer does not accept liability for any hindrance or disruption of congress proceedings arising from political, social, health, travel or economic events or any other unforeseen incidents beyond their control. The congress cancellation conditions shall apply in any case. Registration of a participant entails acceptance of the cancellation conditions.

General Secretariat
Plaza Gala Placidia 1 · 08006 Barcelona, Spain · T. +34 934 161 220
teledermatology@bocemtium.com · https://teledermatology.bocemtium.com/