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
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

<table>
<thead>
<tr>
<th>Session 1</th>
<th>Teledermatology in the era of COVID-19</th>
</tr>
</thead>
</table>
| E-health in Norway before and after the COVID-19 pandemic  
  Thomas Schopf, NOR                   |
| The before, during and after COVID-19 pandemic  
  Paola Pasquali, ESP                  |
| Impact of the COVID-19 pandemic on dermatology practice worldwide  
  Claudia 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                  |

<table>
<thead>
<tr>
<th>Session 2</th>
<th>Imaging technologies in teledermatology</th>
</tr>
</thead>
</table>
| 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

What we’ve learnt deploying AI in Skin Cancer pathways in the UK
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

Building scalable methods for data sharing in dermatology
Sharad Kumar, AUS

PASSION Project, data collection in Madagascar and Guinea
Fahafahantsoa 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

Randomized study of a AI-based dermatology tool  
Yun Liu, USA

Artificial intelligence in dermatopathology  
Kiran Motaparthi, USA

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

A review of international teledermatology
Karen McKay, 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 Venkatasesubramanian, 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]

18.00 – 18.05  **Welcome Message**
With the ISTD President: Amanda Oakley

18.05 – 18.35  **Live Discussion Session 1**
Teledermatology in the era of COVID-19
Chaired by Elvira Moscarella, with Thomas Schopf, Paola Pasquali, Claudia Confarti, Shareen Muthiah, Colin Morton, Jayakar Thomas

18.35 – 19.05  **Live Discussion Session 2**
Imaging technologies in teledermatology
Chaired by Trilokraj Tejasvi, with Manu Jain, Nizar Mullani, Rupert Barry

19.05 – 19.35  **Live Discussion Session 3**
Augmented intelligence in practice
Chaired by John Paoli, with Dan Mullarkey, Dilraj Kalsi, Veronica Rotemberg, Josep Malvehy, Philipp Tschandl, Sam Polesie

19.35 – 20.05  **Live Discussion Session 4**
PASSION Project
Chaired by Christophe Hsu, with Samesh Gupta, Sharad Kumar, Fahafahantsoa Rapelanona Rabenja
## Friday 10th December: 18.00 - 20.05 (CET)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.00 – 18.30</td>
<td><strong>Live Discussion Session 5</strong>&lt;br&gt;Teledermatology globally&lt;br&gt;Chaired by Amanda Oakley, with Kari Wanat, Jules Lipoff, Christian Greis, Eugene Tan</td>
</tr>
<tr>
<td>18.30 – 19.00</td>
<td><strong>Live Discussion Session 6</strong>&lt;br&gt;AI for general dermatology&lt;br&gt;Chaired by Trilokraj Tejasvi, with Susan Conover, Juthika Thakur, Art Papier, Cristian Navarrete-Dechent, Yun Liu, Kiran Mataparthi, Alexander Børve</td>
</tr>
<tr>
<td>19.00 – 19.30</td>
<td><strong>Live Discussion Session 7</strong>&lt;br&gt;General teledermatology&lt;br&gt;Chaired by Karen McKoy, with Mara Giavina-Bianchi, Anil Jha, Alexander Navarini</td>
</tr>
<tr>
<td>19.30 – 20.00</td>
<td><strong>Live Discussion Session 8</strong>&lt;br&gt;Public Health and Digital Health&lt;br&gt;Chaired by Peter Soyer, with Akarsh Venkatasubramanian, Monika Janda, Liam Caffery, Samantha MacNamara</td>
</tr>
<tr>
<td>20.00 – 20.05</td>
<td><strong>Final remarks and wrap up</strong>&lt;br&gt;With the ISTD Board Members: Amanda Oakley, Elvira Mascarella, Trilokraj Tejasvi, Dinesh Kumar Devaraj, Christophe Hsu, Gerald Gabler, Liam Caffery, David Moreno-Ramirez</td>
</tr>
</tbody>
</table>

### 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 telemedicine (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]
Kumar, Sharad [Australia]
Lee, Ivy [USA]
Lipoff, Jules [USA]
Liu, Yun [USA]
MacNamara, Samantha [Australia]
Malvehy, Josep [Spain]
Mar, Victoria [Australia]

McKoy, Karen [USA]
Moreno 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]
GENERAL INFORMATION

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 2021-10-08</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>

Note: * 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@bocemtiurn.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 (ECMEC®s). 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.

Continue >
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/
Bronze Sponsors

GALDERMA
EST. 1981