

4th WCC – WORLD CONFOCAL CONGRESS

Hotel Royal Congress – Via Partenope, 38 – Napoli, -Italia

PROVIDER: MEETER CONGRESSI SRL – ID 4583

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N. ore formative: 13 **N. crediti:** 4,8

Obiettivi formativi: Linee guida – Protocolli – Procedure

Area Formativa: Medico-scientifica

Professioni alle quali si riferisce l'evento formativo:

- **MEDICO CHIRURGO**
 - Dermatologia e Venereologia
 - Allergologia e Immunologia Clinica
 - Chirurgia generale
 - Chirurgia Maxillo-facciale
 - Chirurgia Plastica e ricostruttiva
 - Medicina generale (medici di famiglia)
 - Anatomia Patologica
 - Radiodiagnostica

Razionale

Educational Rationale (CME)

Advances in non-invasive skin imaging, including Reflectance Confocal Microscopy (RCM), Line-Field Confocal Optical Coherence Tomography (LC-OCT), dermoscopy, and digital photography, have significantly impacted dermatologic diagnosis and management. Despite increasing availability of these technologies, there remains substantial variability in their appropriate clinical use, interpretation, integration into diagnostic algorithms, and application across different dermatologic conditions. This educational gap may lead to suboptimal diagnostic accuracy, inconsistent decision-making, unnecessary invasive procedures, and variability in patient outcomes. The 4th World Confocal Congress (WCC) has been developed to address these unmet educational needs by providing an evidence-based, structured, and clinically focused educational program.

The congress aims to enhance physicians' knowledge, competence, and performance in the use of advanced non-invasive imaging modalities in dermatologic practice. In detail:

- The role of RCM, LC-OCT, and complementary imaging tools in the evaluation and management of pigmented lesions,
 - non-melanocytic skin tumors,
 - inflammatory and infectious dermatoses,
 - hair and scalp disorders,
- and cosmetologic applications.

Particular attention is given to challenging clinical scenarios where conventional clinical and dermoscopic assessment may be insufficient, including early melanoma detection, lentigo maligna management, biopsy guidance, margin assessment, treatment monitoring, and follow-up strategies.



Educational formats include keynote lectures, structured courses, case-based discussions, expert panels, and interactive sessions, all designed to promote critical thinking and practical decision-making. Emerging topics such as artificial intelligence, digital pathology, ex vivo confocal microscopy, portable imaging devices, and future accessibility of advanced imaging technologies are also addressed to prepare clinicians for evolving standards of care.

Upon completion of the educational activity, participants are expected to be better able to:

- Select appropriate non-invasive imaging modalities for specific clinical indications
- Accurately interpret imaging findings in common and complex dermatologic conditions
- Integrate advanced imaging into diagnostic, therapeutic, and follow-up pathways
- Reduce unnecessary biopsies and improve patient-centered clinical decision-making

This congress is intended for dermatologists and other healthcare professionals involved in the diagnosis and management of skin diseases who seek to improve clinical competence and align their practice with current evidence and expert consensus in non-invasive skin imaging.

PROGRAMMA

DAY 1 - Thursday, JUNE 4TH

12:00 Registration Opens

13:30 Opening Ceremony & Welcome from IDS & CWG Chairs

14:00 Keynote #1 – Excellence by Design: The Value of Human Skills in Skin Imaging - *Harald Kittler*

SESSION 1

What's new-updates from the last 20 years

Chairs: Elvira Moscarella, Caterina Longo, Salvador González Rodríguez

14:20 Integration of RCM in clinical practice - *Caterina Longo*

14:30 Integration of RCM in clinical practice: Challenging conventional

histopathology - *Salvador González Rodríguez, Melissa Gill*

14:40 Integration of non-invasive imaging technologies in private practice - *Hervé Garat-Foucault*

14:50 A critical overview on non-invasive imaging modalities in dermatology - *Luc Thomas*

15:00 Discussion

15:15 Coffee break

SESSION 2

Mastering Dermoscopy, RCM and LC-OCT - COURSE

Chairs: Christian Navarrete-Dechent, Sara Bassoli, Ausama Atwan

15:45 Dermoscopy: the essentials - *Ausama Atwan*

16:00 RCM for NMSC: the essentials - *Christian Navarrete-Dechent*

16:15 RCM for melanocytic lesions: the essentials - *Sara Bassoli*

16:30 LC-OCT non-melanocytic tumors: the essentials - *Mariano Suppa*

16:45 LC-OCT melanocytic tumors: the essentials - *Gerardo Palmisano*

17:00 Discussion

17:15 Expert Panel: RCM vs LC-OCT - Complementary or Competitive?

Giovanni Pellacani, Marco Spadafora, Mariano Suppa, Julia Welzel, Vittorio Tancredi

18:00 Welcome reception

DAY 2 - Friday, JUNE 5TH

9:00 Keynote #2 – Why do we have nevi? - *Veronica Kinsler*

SESSION 3

Pigmented Lesions - When Dermoscopy Isn't Enough

Chairs: Giuseppe Argenziano, Cristina Carrera, Pascale Guitera

9:20 Clinical criteria when morphology is not enough

Giuseppe Argenziano

9:30 Confocal at the borderland: navigating multiple changing nevi vs early melanomas - *Cristina Carrera*

9:40 LM management update - *Aimilios Lallas*

9:50 The LM spectra: targeting biopsy at the right place and the right moment - *Helena Collgros*

10:00 LC-OCT: optimising management of pink lesions

Pascale Guitera

10:10 Biopsy or not: cases where RCM/LC-OCT solved the question

Clement Lenoir

10:20 LC-OCT in pigmented lesions: what's the best indication?

Elisa Cinotti

10:30 Exploring lesions with demoscopic regression - *Simone Ribero*

10:40 Discussion

11:00 Coffee break

SESSION 4

Non-Melanocytic Tumors - RCM and LC-OCT in BCC, SCC, AK

Chairs: John Paoli, Manu Jain, Javiera Pérez-Anker

11:30 Actinic Keratosis classification through advanced imaging modalities - *Janis Thamm*

11:40 Next gen ex vivo confocal microscopy: dyes, AI and 3D flattening
Manu Jain

11:50 LC-OCT and ex vivo RCM in Mohs surgery - *Javiera Perez Anker*

12:00 Ex vivo RCM for keratinocyte cancer diagnostic beyond Mohs surgery - *Mari Salmivuori*

12:10 Treatment monitoring with non invasive imaging my experience (including field treatments and hedgehog inhibitors)

Claudio Conforti

12:20 Discussion

12:30 World Championship of Skin Imaging

Alessandro Di Stefani, Camila Scharf, Konstantinos Liopyris

13:30 Lunch break

14:30 Free communications (5 minutes each)

15:20 Discussion

15:30 Coffee break

SESSION 5

Inflammatory & Infectious Skin Diseases & Special situations

Chair: Gisele Rezze, Marco Ardigò, Elisa Cinotti

16:00 LC-OCT and inflammatory diseases - *Francesco Piscazzi*

16:10 RCM and pigmentary diseases - *Meryem Soughi*

16:20 The use of confocal microscopy in trichology and its correlation with trichoscopy - *Leonardo Spagnol Abraham*

16:30 RCM in cosmetology - *Marina Agozzino*

16:40 Non-invasive monitoring during systemic treatments for alopecia areata - *Michela Starace*

16:50 RCM and LC-OCT in skin infections - *Francesco Lacarrubba*

17:00 Discussion

17:15 Case-Based Interactive Panel: “What Would You Do?”

Babar Rao, Giulia Briatico, Stefania Guida, Melissa Gill

17:45 NO-CME lecture

Tirbanibulin: efficacy in AK patients treated during warm season (SUMM-AK study) - *Andrea Carugno*

18:00 End of the day

DAY 3 - Saturday, JUNE 6TH

9:00 Keynote #3 – AI and Digital Pathology in Confocal Imaging

Milind Rajadhyaksha

SESSION 6

Dermoscopy Monitoring and total body photography, Follow-up & Treatment Planning with Confocal Tools

Chairs: Ignazio Stanganelli, Elvira Moscarella, Paola Pasquali

9:20 Update in Medical Photography - *Paola Pasquali*

9:30 Colors in medical photography - *Oriol Yelamos*

9:40 Total Body Photography and Total Body Dermoscopy

Laura Serra

9:50 Magnified dermoscopy: best indications - *Roberta Giuffrida*

10:00 Laser Treatment Monitoring with Reflectance Confocal

Microscopy: my experience - *Anthony Rossi*

10:10 The tissue correlates of Negative Pigment Network in melanocytic neoplasm - *Alon Scope*

10:20 Discussion

10:30 Coffee break

11:00 World Championship of Skin Imaging

Alessandro Di Stefani, Camila Scharf, Konstantinos Liopyris

SESSION 7

Imaging the Future – Portable Devices, AI, and Global Access

Chairs: Trilok Tejasvi, Josep Malvehy, Elvira Moscarella

11:45 Genotype-phenotype correlation - *Susana Puig Sarda*

11:55 AI assisted LC-OCT for melanocytic lesions - *Mariano Suppa*

12:05 Non-invasive follow-up of drug delivery technologies
Marco Ardigò

12:15 My vision for the future - *Josep Malvehy*

12:25 The future of RCM and LC OCT: elitistic or democratic?
Giovanni Pellacani

12:35 Discussion

12:45 NO-CME lecture
A 360° View of Innovations in LC-OCT - *Elisa Cinotti*

13:00 Closing remarks, awards & announcement of next meeting

ELENCO RELATORI E MODERATORI:

Titolo	Cognome	Nome	Laurea	Specializzazione	Incarico attuale
Prof.	Agazzino	Marina	Medicina e Chirurgia	Dermatologia e Venereologia	Dirigente Medico I livello – Dermatologia Clinica Dermatologica Universitaria, Ospedale Maggiore – ASUGI, Trieste
Prof.	Araujo-Scharf	Camila	Medicina e Chirurgia	Dermatologia e Venereologia	Università degli Studi della Campania "L. Vanvitelli" - Napoli
Prof.	Ardigò	Marco	Medicina e Chirurgia	Dermatologia e Venereologia	Full professor of Dermatology Humanitas University of Milan. Head of Dermato Oncology Humanitas Research Hospital, Rozzano-Milan.
Prof.	Argenziano	Giuseppe	Medicina e Chirurgia	Dermatologia e Venereologia	Professor & Head Dermatology Unit - University of Campania "L. Vanvitelli" - Napoli
Prof.	Atwan	Ausama	Medicina e Chirurgia	Dermatologia e Venereologia	NHS Consultant Dermatologist – Aneurin Bevan University Health Board (ABUHB), Newport, UK (Aug 2022 – Present)
Prof.	Bassoli	Sara	Medicina e Chirurgia	Dermatologia e Venereologia	MD, PhD, Dermatology Unit - Policlinico of Modena
Prof.	Briatico	Giulia	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatology Unit, University of Campania, Naples, Italy
Prof.	Carrera	Cristina			
Prof.	Carugno	Andrea	Medicina e Chirurgia	Dermatologia e Venereologia	Ricercatore Universitario presso l'Università degli Studi dell'Insubria e Dirigente Medico presso la SC Dermatologia dell'Ospedale di Circolo Fondazione Macchi, ASST Sette Laghi, di Varese
Prof.	Cinotti	Elisa	Medicina e Chirurgia	Dermatologia e Venereologia	Associate Professor at the University Hospital of Siena, Italy
Prof.	Collgros	Helena	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatologist - Perth Dermatology Clinic. 5-7 Robinson Avenue, Perth, WA, Australia

Prof.	Conforti	Claudio	Medicina e Chirurgia	Dermatologia e Venereologia	Associate Professor of Dermatology and Venereology (MED/10C – MED35) University Link of Rome
Prof.	Di Stefani	Alessandro	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatologist - Full-time Assistant Medical Director, Division of Dermatology, (Chair: Prof. K. Peris). Fondazione Policlinico Universitario A.Gemelli IRCCS- Catholic University of the Sacred Heart, Rome
Prof.	Garat-Foucault	Hervé	Medicina e Chirurgia	Dermatologia e Venereologia	Consultant Dermatologist – Dermatologic Imaging Specialist Marseille, France
Prof.	Gill	Melissa	Medicina e Chirurgia	Anatomia Patologica	ACADEMIC: State University of New York Downstate Health Sciences University, Department of Pathology, Brooklyn, NY, USA <ul style="list-style-type: none"> • Chief, Diagnostic Imaging in Pathology, 07/1/2018 - present • Clinical Associate Professor, 12/08/2018 - present • Clinical Assistant Professor, 05/24/2017 - 12/07/2018
Prof.	Giuffrida	Roberta	Medicina e Chirurgia	Dermatologia e Venereologia	Assistant Professor Department of Clinical and Experimental Medicine, Dermatology, University Hospital “G. Martino” Messina (Italy) <ul style="list-style-type: none"> ▪ Dermatology – Diagnosis and treatment of skin cancers; autoinflammatory/autoimmune skin disease
Prof.	González Rodríguez	Salvador	Medicina e Chirurgia	Dermatologia e Venereologia	Accredited Professor by the Spanish Education Ministry and serves as an Associate Professor at the Department of Medicine and Medical specialities, Alcalá University of Madrid, Spain

Prof.	Guida	Stefania	Medicina e Chirurgia	Dermatologia e Venereologia	Assistant Professor September 2022-now Dermatology Clinic, Vita-Salute San Raffaele University, Milano, Italy
Prof.	Guitera	Pascale	Medicina e Chirurgia	Dermatologia e Venereologia	1 Faculty of Medicine and Health, The University of Sydney, Sydney, Australia. 2 Sydney Melanoma Diagnostic Centre, Royal Prince Alfred Hospital, Camperdown, Australia. 3 Melanoma Institute Australia, The University of Sydney, Sydney, Australia.
Prof.	Jain	Manu	Medicina e Chirurgia	Anatomia Patologica	Associate Attending Optical Imaging Specialist Department of Dermatology Memorial Sloan Kettering Cancer Centre (MSKCC) Assistant Professor, Dermatology Weill Cornell Medicine NYC, NY, USA
Prof	Kinsler	Veronica	Medicina e Chirurgia	Dermatologia e Venereologia	Professor of Paediatric Dermatology and Dermatogenetics at Great Ormond Street Hospital for children and UCL, and Principal Group Leader of the Mosaicism and Precision Medicine laboratory at the Francis Crick Institute in London
Prof	Kittler	Harald	Medicina e Chirurgia	Dermatologia e Venereologia	Professore di Dermatologia presso Università di Vienna
Prof.	Lacarubba	Francesco	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatology Clinic, University of Catania, Italy.
Prof.	Lallas	Aimilios	Medicina e Chirurgia	Dermatologia e Venereologia	Associate Professor of Dermatology - First Department of Dermatology, Aristotle University in Thessaloniki, Greece
Prof.	Lenoir	Clement	Medicina e Chirurgia	Dermatologia e Venereologia	Specialist in medical-surgical dermatology and venereology
Prof.	Liopyris	Konstantinos	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatologist, National and Kapodistrian University of Athens, Athens, Greece

Prof.	Longo	Caterina	Medicina e Chirurgia	Dermatologia e Venereologia	dermatology Unit, Univ. of modena and reggio emilia, modena
Prof.	Malveyh	Josep	Medicina e Chirurgia	Dermatologia e Venereologia	Director, Skin Cancer Unit - Hospital Clínic de Barcelona – University of Barcelona Dermatology Department. Hospital Clinic of Barcelona, Spain.
Prof	Moscarella	Elvira	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatologo Ricercatore RTD A, Dip. L.240/2010 SALUTE MENTALE E FISICA E MEDICINA PREVENTIVA, Università degli studi della Campania Luigi Vanvitelli
Prof.	Navarrete-Dechent	Christian	Medicina e Chirurgia	Dermatologia e Venereologia	MDProfessor (Associate) at Pontifical Catholic University of Chile
Prof.	Palmisano	Gerardo	Medicina e Chirurgia	Dermatologia e Venereologia	<ul style="list-style-type: none"> • 1Dermatologia, Dipartimento di Medicina e Chirurgia Traslazionale, Università Cattolica del Sacro Cuore, Rome, Italy. • 2UOC di Dermatologia, Dipartimento Scienze Mediche e Chirurgiche, Fondazione Policlinico Universitario A. Gemelli-IRCCS, Rome, Italy.
Prof.	Paoli	John	Medicina e Chirurgia	Dermatologia e Venereologia	<p>1. Department of Dermatology and Venereology, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden</p> <p>2. Department of Dermatology and Venereology, Sahlgrenska University Hospital, Gothenburg, Region Västra Götaland, Sweden</p>
Prof.	Pasquali	Paola	Medicina e Chirurgia	Dermatologia e Venereologia	COORDINADORA SERVICIO DE DERMATOLOGIA - PIUS HOSPITAL DE VALLS - 31/05/2009 -Actual -VALLS, ESPANA. Responsable del Servicio de Dermatologia, Adjunto del Servicio,

					responsable de la consulta de Oncologia
Prof.	Pellacani	Giovanni	Medicina e Chirurgia	Dermatologia e Venereologia	Professore Ordinario di Dermatologia presso l'Università La Sapienza di Roma dal 4 gennaio 2021
Prof.	Pérez-Anker	Javiera	Medicina e Chirurgia	Dermatologia e Venereologia	Medical Doctor at Hospital Clínic de Barcelona
Prof.	Piscazzi	Francesco	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatology Unit, IRCCS Humanitas Research Hospital, Rozzano (MI), Italy - Department of Biomedical Sciences, Humanitas University, Pieve Emanuele (MI), Italy
Prof.	Puig Sarda	Susana	Medicina e Chirurgia	Dermatologia e Venereologia	Director of FCRB-IDIBAPS; Research & Innovation Director of Hospital Clinic Barcelona; Full Professor, University of Barcellona
Prof	Rajadhyaksha	Milind	Ingegneria	Meccanica e Ottica	BS, MS, PhD in Mechanical / Optical Engineering / Associate Member at Memorial Sloan Kettering Cancer Center
Prof.	Rao	Babar	Medicina e Chirurgia	Dermatologia e Venereologia	Professore di Dermatologia e Patologia presso la Rutgers University e Clinical Associate Professor presso il Weill Cornell Medical College.
Prof.	Rezze	Gisele	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatologist, Humanitas Research Hospital, Milan, Italy
Prof.	Ribero	Simone	Medicina e Chirurgia	Dermatologia e Venereologia	Associate Professor & Director Residency Program in Dermatology - Dermatology Clinic, University of Turin
Prof.	Rossi	Anthony	Medicina e Chirurgia	Dermatologia e Venereologia	Assistant Professor of Dermatology Weill Cornell Medical College New York, NY

Prof.	Salmivuori	Mari	Medicina e Chirurgia	Dermatologia e Venereologia	Specialist in Dermatology and Allergology, Skin Cancer and Dermatologi-cal Unit, Skin and Allergy Hospital, Helsinki University Hospital (HUS)
Prof.	Scope	Alon	Medicina e Chirurgia	Dermatologia e Venereologia	Director of the Advanced Skin Cancer Screening Research & Development Institute at Sheba Medical Center, an associate professor of dermatology at Tel Aviv University, and a dermatology research faculty member at Memorial Sloan Kettering Cancer Center (MSKCC).
Prof.	Serra	Laura	Medicina e Chirurgia	Dermatologia e Venereologia	Specialist in medical-surgical dermatology and venereology. Barcelona
Prof.	Soughi	Meryem	Medicina e Chirurgia	Dermatologia e Venereologia	Associate Professor of Medicine (Dermatology) University Hospital Hassan II – Department of Dermatology and Venereology, Fez, Morocco
Prof.	Spadafora	Marco	Medicina e Chirurgia	Dermatologia e Venereologia	DERMATOLOGIA E VENEREOLOGIA – SC DERMATOLOGIA - AOU POLICLINICO DI MODENA – MODENA, ITALIA
Prof.	Spagnol Abraham	Leonardo	Medicina e Chirurgia	Dermatologia e Venereologia	Coordinator at hair diseases unit of Hospital Regional da Asa Norte (HRAN), Brasilia-DF. Fellow at "Istituto Dermatologico San Gallicano", Rome - Italy, in vivo reflectance confocal microscopy service.
Prof.	Stanganelli	Ignazio	Medicina e Chirurgia	Dermatologia e Venereologia	Department of Dermatology, University of Parma, and Skin Cancer Unit, IRCCS IRST Romagna Cancer Institute, Italy
Prof.	Starace	Michela	Medicina e Chirurgia	Dermatologia e Venereologia	Responsabile dell’Ambulatorio di Tossicità cutanea e dell’Ambulatorio di Allergologia e Unghie presso UOC Dermatologia, Prof.ssa Bianca Maria Piraccini

Prof.	Suppa	Mariano	Medicina e Chirurgia	Dermatologia e Venereologia	ASSOCIATE PROFESSOR OF DERMATOLOGY & VENEREOLOGY (HUB-ULB, BRUSSELS)
Prof.	Tancredi	Vittorio	Medicina e Chirurgia	Dermatologia e Venereologia	Dermatology Unit, University of Campania Luigi Vanvitelli (Unità di dermatologia, Università degli Studi della Campania Luigi Vanvitelli)
Prof.	Tejasvi	Trilokraj	Medicina e Chirurgia	Dermatologia e Venereologia	Clinical Professor of Dermatology, University of Michigan, Dermatology
Prof	Thamm	Janis	Medicina e Chirurgia	Dermatologia e Venereologia	University Hospital Augsburg Department of Dermatology and Allergology – Specialist Training
Prof.	Thomas	Luc	Medicina e Chirurgia	Dermatologia e Venereologia	1 Department of Dermatology Centre Hospitalier Lyon Sud 2 Lyons cancer research center UMR INSERM U1052 - CNRS5286 - UCBL1 3 Claude Bernard Lyon 1 University 69495 Pierre Bénite CEDEX France
Prof.	Welzel	Julia	Medicina e Chirurgia	Dermatologia e Venereologia	Department of Dermatology and Allergology University Hospital Augsburg
Prof.	Yelamos	Oriol	Medicina e Chirurgia	Dermatologia e Venereologia	Centro Médico Teknon - Quirónsalud, Barcelona, Spain Attending Dermatologist