



An event organised by

COSMETIC
VALLEY
FRANCE



+ JULY 5-6 2022

The unique
scientific congress
dedicated to

PROGRAMME

COSMETIC MEASUREMENT & TESTING

CONGRESS
ON-SITE & DIGITAL

Campus Saint-Christophe
10, avenue de l'entreprise
95800 Cergy
France



<https://comet2022.sciencesconf.org/>



SCIENTIFIC PROGRAMME

Tuesday, 5 July

08h30 ☕ WELCOME COFFEE

09h00 🗣️ OPENING SPEECH

- + Jean-Paul JEANDON, Président de l'Agglomération de Cergy-Pontoise
- + Département du Val d'Oise (to be confirmed)
- + Université de Cergy (to be confirmed)
- + Marc-Antoine JAMET, Président de Cosmetic Valley

TOPIC 1 // FROM RAW MATERIALS TO FINISHED PRODUCTS

09h25 🗣️ PLENARY: Environmental impact assessment of ingredients and formulas along their life cycle / + Jacques L'HARIDON, L'Oréal

10h05 Characterization of cosmetic films loaded with an encapsulated active molecule: contribution of Confocal Raman Imaging / + Emilie MUNNIER, Tours University

10h25 In vitro marine ecotoxicity tests: an innovative method to assess the environmental impact from raw materials to final products / + Stéphanie BARNAY-VERDIER, Sorbonne University

10h45 LIPOCOSM: Advanced normal, pigmented and immunized 3D Bioprinted skin models containing human hair and eyelashes to screen botanical products made by supercritical CO₂ extraction / + Colin MCGUCKIN, CTI Biotech

11h05 📄 BREAK, NETWORKING & POSTERS

11h45 New in vitro method for sand resistance assessment of sunscreen products / + Sebastien MIKSA, Helioscreen

12h05 Real-time qPCR to evaluate bacterial contamination of cosmetic cream and the efficiency of protective ingredients / + Chrissy NGARI, Clarins

12h25 Community - Traceability from raw material to finished product through blockchain / + Frédéric GOUJON, DNA Gensee

12h45 🍷 LUNCH BREAK: LUNCH (1H15), NETWORKING & POSTERS (30min)

TOPIC 2 // SKIN-PRODUCT-ENVIRONMENT INTERACTIONS

14h30 🗣️ PLENARY: The photobiology of skin / + Antony YOUNG, Faculty of Life Sciences and Medicine, King's College London (KCL)

15h10 A holistic approach to understand the mechanism of action of a cosmetic product / + José LUIS MULLOR, Bionos Biotech

15h30 Innovative tests for hair care products efficacy considering ethnicity / + Andrea CAVAGNINO, Oxiproteomics

15h50 Live cell assays based on LUCS (Light-Up Cell System) technology for the direct and quantitative measure of intracellular antioxidant effect of cosmetic ingredients / + Aurélie FLOCH, Anti Oxidant Power

16h10 📄 BREAK, NETWORKING & POSTERS

16h55 Multimodal approach to study in vitro, in vivo and ex vivo skin models enable characterization of new ceramides subclasses in relation to the skin barrier function / + Joudi BAKAR, Paris Saclay University

17h15 The co-culture of human mature adipocytes and dermal fibroblasts: an innovative in vitro system for modelling hypodermis-dermis interactions and for screening compounds on the skin biology / + Linh TRANG NGUYEN, Diva Expertise

17h35 ☕ END OF THE DAY

Wednesday, 6 July

08h30 ☕ WELCOME COFFEE

TOPIC 3 // INSTRUMENTATION AND SENSORY EVALUATION

09h00 🗣️ PLENARY: How do you feel? Tactile perception, its measurement and the effect of aging / + Mark RUTLAND, Chemistry Department, KTH Royal Institute of Technology, Stockholm, Sweden

09h40 Acousto-mechanical multiscale skin metadata using high-frequency ultrasounds combined with nonlinear time reversal imaging / + Serge DOS SANTOS, INSA Centre Val de Loire

10h00 An innovative way to highlight mechanical signature of epidermis stem cell niches by Atomic Force Microscopy / + Miny SARAH, BioMeca

10h20 How to find correlation between sensory analysis and instrumental parameters? Proposition of a methodology on cosmetic products / + Sylvia IMBART, École Biologie Industrielle

10h40 📄 BREAK, NETWORKING & POSTERS

11h25 EEG approach in detecting emotions induced by skin care products / + Magali BONNIER, Croda

11h45 Can active ingredients improve well-being? / + Olivier PAQUATTE, Safic Alcan

12h05 Phase Inversion Temperature Monitoring with Contactless RF Impedanceometry for O/W Emulsion Optimization / + Natacha GUYADER, CY Paris University

12h20 🍷 LUNCH BREAK: LUNCH (1H15), NETWORKING & POSTERS (30 min)

14h00 Quantitative analysis of Human Stratum Corneum lamellar structure by computational Simulation of Small Angle X-ray Scattering / + Danilo ROSA NUNES, Novitom

14h20 Multiscale delivery platform based on natural bioactive compounds: a promising strategy towards skin healthcare / + Violeta RODRIGUEZ RUIZ, CY Paris University

TOPIC 4 // SMART AND CONNECTED BEAUTY TOOLS FOR CUSTOMIZATION

14h40 🗣️ PLENARY: At Home testing for the clinical trials in cosmetics / + Thomas NAPPEZ, Connected Physics

15h20 📄 BREAK, NETWORKING & POSTERS

16h05 Evaluation of the SkinCam, a Connected Portable Camera Device, for the Analysis of Skin Microrelief / + Elsa HERNANDEZ, Air Liquide

16h20 In silico and machine learning / AI approaches for cosmetic safety and efficacy prediction / + Sharma ASHWANI, Jean Idoipe

16h45 Skin beauty Perception and holistic dimension evaluation by A.I / + Ralambondrainy SAMUEL, LVMH Recherche

17h05 ☕ END OF THE DAY



Gala + evening

SOIRÉE DE GALA

Tuesday, 5 July from 7:00 pm

☰ DON'T FORGET TO BOOK YOUR BADGE ON THE WEBSITE, TAB "GALA EVENING"
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ILS EXPOSENT

BIPEA, COSMETOMICS, ELYSIA BIOSCIENCES, EOTECH, EXPERTO, EXTRASYNTHÈSE, MATTEK IN VITRO LIFE SCIENCE, NETZSCH, OI TECHNOLOGIES, RHEONIS, RHEONOVA, SOFRASER, TESCANA ANALYTICS...

What about you?

+ SCIENTIFIC COMMITTEE **+**

+ COMITÉ SCIENTIFIQUE

Martin BARAIBAR
Oxiproteomics

Michel BOISSIERE
ERRMECe-CY Cergy Paris
Université

Philippe DEBLAY
Synchrotron Soleil

Marc DUBOURDEAU
Ambiotis

Amandine GOUBERT
Cosmetic Valley

Bérengère GRANGER
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Jean Mario JULIEN
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Elian LATI
Laboratoires BIO-EC

Christophe MASSON
Cosmetic Valley

Rime MICHEAL-JUBELI
Université Paris Sud

Nicolas ORANGE
Cosmetics Normandie

Bernard OUERLEUX
L'Oréal & Président de la
société savante biophysique
et imagerie de la peau

Anne-Marie PENSE-LHERITIER
FRM GaleSens

Alexandre PITTI
CY Cergy Paris Université

Alain PONTON
Université Paris Diderot

Thomas RICOUR
Réseau Mesure-NIR

Elodie RODRIGO-PEREZ
Polytec

Olivier ROMAIN
CY Cergy Paris Université

Ali TFAYLI
LIPSYS2 Paris-Sud

Nadine VALET
ISIPCA

Fanny VEAU
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Katell VIE
Clarins

Henri WALASZEK
Cetim

Nicolas WILKIE-CHANCELIER
SATIE-CY Cergy Paris
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Further information: <https://comet2022.sciencesconf.org/>

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