

# FINAL ANNOUNCEMENT



'WHERE BEAUTY, SCIENCE AND INNOVATION MEET!'

32<sup>nd</sup> IFSCC Congress  
London 19-22 September 2022



'WHERE BEAUTY, SCIENCE AND INNOVATION MEET!'

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**Tony Gough**  
IFSCC President Elect



**32<sup>nd</sup> IFSCC Congress**  
London 19–22 September 2022

## Introduction to the IFSCC Congress

**The IFSCC (International Federation of Societies of Cosmetic Chemists) is a worldwide federation dedicated to international cooperation in cosmetic science and technology. The annual IFSCC Congresses bring together representatives from all Member Societies, and other industry figures, to discuss cosmetic science on a grand scale and with a global perspective.**

### Highlights

- **4 Pre-Congress Workshops**
- **11 Keynote Speakers**
- **78 Podium Presentations**
- **100s of Scientific Posters**
- **3 Spectacular Networking Events**

Like those before it, IFSCC 2022 is an international event featuring science, products and the best practice driving cosmetic innovation. Visitors will discover new developments, discuss market trends, reconnect with colleagues and meet new ones. Industry scientists, academics, business owners, suppliers and brand developers, to name but a few, will all be there.

There will be 11 eminent keynote speakers, 73 international podium presentations with a further 5 from the UK, in simultaneous podium sessions, a plethora of posters, an exhibition of the latest supplier offerings, pre-congress workshops and a full social programme to facilitate networking and feeling the London vibe.

The 32nd IFSCC Congress, London, hosted by the Society of Cosmetic Scientists, is back in the UK for the first time in twenty years. It is three days of the best in international cosmetic science and technology.

I am so looking forward to this event and very much hope to see you there.

**Tony Gough**

**LONDON - WHERE BEAUTY, SCIENCE AND INNOVATION MEET**

19-22 September 2022  
Park Plaza Hotel, Westminster.  
[www.ifsc2022.com/programme](http://www.ifsc2022.com/programme)







Judi Beerling

Steering Committee Chair



32<sup>nd</sup> IFSCC Congress  
London 19–22 September 2022

## Welcome Message

**It's the final countdown to the 32nd IFSCC Congress; the first in person IFSCC Congress since 2018.**

On behalf of the UK & Ireland Society of Cosmetic Scientists, the Organising Committee are looking forward to welcoming you with the hospitality for which our society is renowned. The exciting programme of podium and poster papers will be led by some legendary and inspiring keynote speakers. You will learn about the latest developments in your field, or one new to you, whether it be a new method or technique, novel raw materials or work that promotes better understanding of maintaining and enhancing the health and well-being of people and planet. We will explore cutting-edge industry research areas including the role that our senses, neuroscience and emotions play in today's and tomorrow's high-performance cosmetics. The accompanying exhibition will feature a wide range of companies and organisations covering raw materials, testing, and other topics all relevant to cosmetic science, whilst a programme of pre-congress Educational Workshops on Monday 19th will cover in more depth, areas that could not be fitted into the main programme.

Our wonderful sponsors, advertisers, media partners and other supporting organisations have enabled this whole event to take place and we would like to take this opportunity to thank them.

In closing, I am proud to be part of the team bringing this event to London. You will be visiting what I personally feel is the greatest city on Earth (OK so I'm biased!). Alongside the science, you will experience a real taste London, from the Opening Ceremony, in the Networking events and Gala Dinner. You may even want to extend your stay to spend more time exploring London's attractions. Why not book a London theatre show or take in some of the sights, sounds and cosmopolitan food on offer on the free evening? There is plenty to explore; simply walk along the Thames from our HQ hotel.

For those unable to travel, the 32nd IFSCC Congress, London is the very first hybrid Congress with a Virtual attendance option, so you do not miss out on the great science that this Congress will offer.

That said, the 32nd IFSCC Congress is a not to be missed occasion, **"Where, Beauty, Science and Innovation Meet"**, and we very much hope to see you there!

**Judi Beerling**

LONDON - WHERE BEAUTY, SCIENCE AND INNOVATION MEET

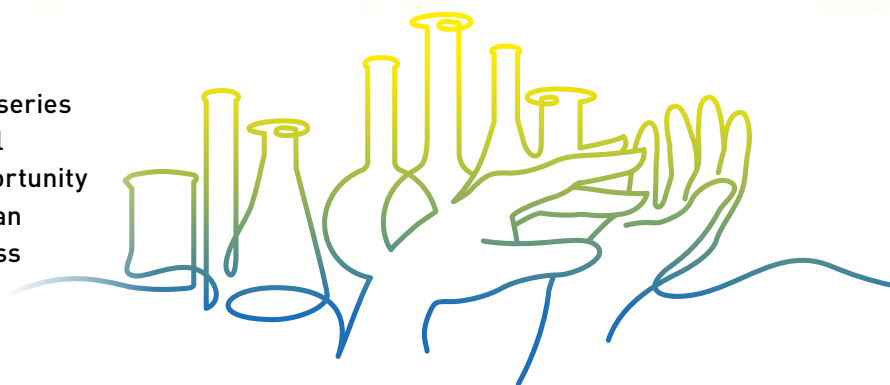
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## Congress overview

### Pre-congress workshops

The opening day of IFSCC 2022 begins with a series of four educational workshops in Central Hall Westminster. The workshops provide an opportunity to learn more about four important topics in an interactive environment ahead of the Congress Opening Ceremony and Welcome Reception on Monday evening. Attendees can book one morning and/or one afternoon session.



### Workshop 1

#### The Science of Beauty Decoded, Myths vs Reality

This workshop is a must-attend for those wishing to better understand the development of cosmetic products and how science can help counter the misinformation about widely-used cosmetic ingredients or products. Bringing international recognised experts from industry, academia and associations together to share insights into the creation of cosmetic and personal care products, attendees will learn how the most demanding quality, efficacy and safety standards are met. Delegates will appreciate the importance of innovation, science and education, and discover the key to developing a legally compliant and successful cosmetic product.

Supported by CEW UK

### Workshop 2

#### Cosmetic Regulation & Safety Assessment Update

Regulatory compliance for our industry constantly changes. In the first part of this workshop, industry experts will highlight some of the recent regulatory developments in the European Union, United Kingdom and China.

In the second part, workshop participants will be introduced to the animal testing bans and the New Approach Methodologies (NAMs) for safety assessment of cosmetic ingredients and products without reliance on animal tests. Attendees to this workshop will discover how the cosmetics industry has been at the forefront of developing alternative approaches to animal testing for more than 25 years. The on-going drive to protect human health and the environment is a truly international, multidisciplinary, and collaborative effort, that is delivered through sound scientific solutions.

Organised in partnership with the CTPA UK

**Places at the Educational Workshops are strictly limited. Be sure to book yours now. Special prices for delegates and SCS / IFSCC affiliated Society members. Places can be booked as part of your registration or separately.**

### Workshop 3

#### Sun Protection -The Consumer & the Science

This workshop will explore the importance of sun protection, describe the major types of UV radiation and their impact on human skin at cellular, molecular and biological level and discuss the complexity and formulation challenges for solar products. Photoprotection is a major health issue. 90% of skin cancers are directly linked to sun exposure. Use of sunscreen products and ingredients in cosmetic products, has extensively increased because of concerns about the impact of ultraviolet light on human skin. Attendees will gain insight into evaluation methods and most recent research activities that ensure this specific category is environmentally safe, including for aquatic and marine life. Speakers will close by discussing how solar product efficacy is assessed with guidelines and controls set up to ensure consumer protection from solar exposure.

Jointly organised with L'Oréal Research & Innovation, France

### Workshop 4

#### Fragrance From Creation to Retail Today

Fragrance is a key emotional driver of cosmetic product sales. In this workshop, our panel of expert speakers will demonstrate how the ingredients used, the creative process and relationship with both brands and consumers are influenced by emerging social, environmental and societal trends. Attendees will gain insights into how fragrance retains its role in connecting people to products. Learn about the scientific advances that can measure its influence on mood, and how perfumery is respecting the new era of sustainability. This workshop will explore the future for fragrance in a world that is more sensory aware. Attendees will experience a dive into the olfactive character and trends behind some recent fine fragrance launches in an ever-evolving retail landscape. Expect your noses to be in for an olfactive treat!

Supported by the British Society of Perfumers



## Opening Ceremony and Welcome Reception Monday 19th September



The Opening Ceremony will be a spectacular event, celebrating the launch of this three-day festival of cosmetic science and the return of the in-person IFSCC Congress. You will be able to meet your hosts and network with the speakers in beautiful Central Hall Westminster, whose distinctive dome, overlooking Westminster Abbey and Big Ben, can be spotted from across central London. This Grade II listed building was opened in 1912 and has a special significance in the history of the UN having hosted the first ever meeting of the United Nations General Assembly in 1946 – supremely fitting for our international gathering.



The Opening Ceremony will be followed by a Welcome Reception with food and drinks celebrating the best of British cuisine. Dress code - Business.

Places at the Educational Workshops are strictly limited. Be sure to book yours now. Special prices for delegates and SCS / IFSCC affiliated Society members.



## Congress – Park Plaza Hotel Monday 19th September

Conveniently situated on the South Bank of the Thames and overlooking the Houses of Parliament, our HQ hotel, Park Plaza Westminster Bridge London's contemporary design and stylish rooms ensure that you will be comfortable whilst attending IFSCC 2022. Easy to get to by Underground, positioned so that, no matter how packed your programme, you will experience London. The Congress is staged in the dedicated conference area of the hotel with state-of-the-art AV technology and live broadcast of the podium sessions. Why not book one of the spectacular "room with a view" Hospitality Suites for private meetings, away from the buzz?



## Networking at Madame Tussauds Tuesday 20th September

We have taken over one of the most visited attractions in London! Join the British Royal Family and the many other featured celebrities for an evening that will be packed with fun and interaction (both with fellow delegates and those who won't talk back!) Transport by veteran London Routemaster bus from the hotel to Madame Tussauds, food and drinks are all included in your delegate package. Dress code - Smart Casual.

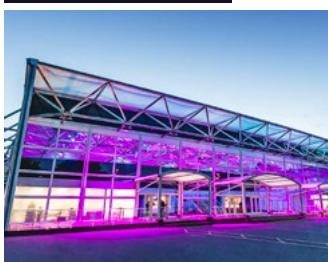


## Free Evening Wednesday 21st September

Meet a colleague, dine with friends, book a night at the theatre or simply stroll along the Thames to drink in the London ambiance.



## Gala Dinner and Awards Ceremony Thursday 22nd September



The IFSCC Congress exists to share knowledge and great science, both being celebrated with the much-coveted IFSCC Awards; two for Best Podium, in Basic and Applied Science, as well as Best Poster and a prize for a young scientist at a grand finale Gala Dinner that closes the Congress. We will visit the famous Battersea Park, where a fabulous networking event awaits you. There we will eagerly await the conclusions of the International Awards Committee to find out who the winners are. This year will be a very special occasion as it is the first time since 2019 that the cosmetics industry has been able to gather and for scientists to be acknowledged in person. We are preparing to roll out the red carpet for you! Dress code - Black tie/Cocktail Dress.

Additional Gala Dinner tickets are available to purchase - why not invite your industry colleagues, customers or suppliers to join you for the evening?



## Keynote Speakers



**Mark Birch-Machin** is Professor of Molecular Dermatology at **Newcastle University** (Translational and Clinical Research Institute), Director of Business Development (Medical Sciences) and Faculty Ambassador for the UK National Innovation Centre for Ageing.



**Dr Tomonobu Ezure, Shiseido**, has an impressive record of recognition of his research and use of digital technology. His presentations at IFSCC 2020, Yokohama and IFSCC 2018, Munich included Shiseido research into a new technique to target skin ageing.



**Baroness Susan Greenfield** is Founder and CEO of **Neuro-Bio Ltd**. Baroness Greenfield is a neuroscientist, writer and broadcaster. Based mainly at Oxford University she has also held research fellowships at the College de France Paris, NYU Medical Center New York and Melbourne University.



**Tony O'Lenick** is President of **Nascent Technologies Corporation**, a product development and consulting company he founded in 1999 to develop raw materials and formulations that have an improved environmental footprint.



**Robert Lochhead** is Director and Professor Emeritus of Polymer Science at the **University of Southern Mississippi** following a long career with I.C.I., Unilever, and BF Goodrich.



**Dr Magali Moreau** is Principle Scientist in Research & Innovation, **L'Oréal**. She leads all initiatives on microbiome for North America and globally for microbiome applications in compromised skin conditions. She specialises in testing of concepts for malodor, acne, sensitive skin and cleansing.



**Sir Jonathon Porritt CBE** Co-Founder of Forum for the Future, is a 'veteran campaigner' and eminent writer, broadcaster and commentator on sustainable development. He received a CBE in the 2000 New Year Honours List for services to environmental protection and is a former Director of Friends of the Earth (1984-90); co-chair of the Green Party (1980-83); and Trustee of WWF-UK (1991-2005).



**Professor Charles Spence** is Head of the Crossmodal Research Laboratory at the Department of Experimental Psychology, **Oxford University**. Professor Spence is a world-famous experimental psychologist with a specialisation in neuroscience-inspired multisensory design.



**Dr Desmond J Tobin** is Professor of Dermatological Science and Director of The Charles Institute of Dermatology at the **UCD School of Medicine, Dublin**. His research focusses on the biology of human melanocytes/pigmentation in health and disease (including melanoma) and hair growth disorders.



**Dr Rachel Watson** is Professor of Cutaneous Science and Head of the Division of Musculoskeletal and Dermatological Sciences within the School of Biological Sciences, Faculty of Biology, Medicine & Health at the **University of Manchester**.



**Franz J Wortmann** is Professor of Fibre and Textile Technology at the School of Materials of the **University of Manchester**. He conducts a wide variety of fibre science and technology research projects. In 2020, he founded F & GW – Consultants based in Aachen (Germany) to provide academic support to international companies in the area of hair cosmetics.

## Beauty for a New Age

### SESSION 1 - DELIVERING EFFICACY

Time	Lecture #	Speaker	Organisation	Paper Title	Country
09.00am	Keynote	Prof Rachel Watson	University of Manchester	Chronic photodamage and its repair: What evidence is there that topical anti-ageing cosmetics remodel skin?	UK
09.30am	1	Jin Woong Kim	Sungkyunkwan University	Unprecedented skin regeneration of Euglena gracilis-derived extracellular microvesicles fabricated through microalgae extrusion	South Korea
09.50am	2	Tsang-Min Huang	L'Oreal R&I	One-step long-lasting color/shine lip gloss via liquid-liquid phase separation	USA
10.10am	3	Aitziber Lopez	CIDETEC	Inspired by nature: biomimetic stabilizers for smart cosmetic active ingredient encapsulation	Spain
10.30am	4	Christopher Berkey	Stanford University	Exploiting Ingredient Interactions to Deliver Optimal Performance of Skin-Care Formulations	USA
10:50 – Coffee, Posters & Exhibition					
11.20am	5	Jun Bae Lee	COSMAX	Enhancement of skin efficacy and barrier function by skin lipid enhancer incorporated-Lipid Nano Particles through the interaction with stratum corneum	South Korea
11.40am	6	Daigo Inoue	Shiseido Co.	A new horizon for age spots: An integrated mechanism and solution for age spots through cell-cell contact molecule E-cadherin	Japan
12.00pm	7	Valerie Bicard-Benhamou	Merck KGaA	A promising alternative to retinol as powerful anti-aging cosmetic ingredient	Germany
12.20pm	8	Colin McGuckin	CTIBiotech	Linking clinical vascular dark circles reduction to laboratory in vitro modelization can be achieved using vascularized 3D Bioprinted skin models.	France
12:40 – Lunch, Posters & Exhibition					

### SESSION 2 - SKIN HEALTH, PROTECTION & WELL AGEING

Time	Lecture #	Speaker	Organisation	Paper Title	Country
14.00pm	Keynote	Dr Tomonobu Ezure	Shiseido Co.	A new horizon in anti-aging skin care	Japan
14.30pm	9	Audrey Faure-Grousson	Erborian (L'Occitane Group)	Capsaicin-free red pepper extract for energized, radiant and non-irritated skin	France
14.50pm	10	Daiane Mercurio	L'Oreal R&I	Enlarged photoprotection efficiently covering the whole UV spectrum: evaluation of long term clinical anti-aging benefits in a real life split-face study	Brazil
15.10pm	11	Torsten Fauth	BRAIN Biotech	Improving the skin barrier by targeting the TRPV4 ion channel with bioactive compounds	Germany
15.30pm	12	Julie Leignadier	IFF Lucas Meyer Cosmetics	Transformation of visible light: a new perspective for skin care application	France
15:50 – Tea, Posters & Exhibition					
16.20pm	13	Franck Bonnier	LVMH Recherche	Line-field confocal optical coherence tomography coupled to Artificial Intelligence to identify quantitative biomarkers of facial skin ageing: an exploratory study	France
16.40pm	14	Tümerkan M Kesim	Eskişehir Technical University	Understanding the effects of particle size and anisotropy on microstructural and rheological properties of suspoemulsions	Turkey
17.00pm	15	Lauriane Roux-Imbert	Greentech	How to take care of the window of our soul? Gentiopicroside-rich Gentiana lutea extract: an integrative solution for the eye contour	France
17:20 – Closing Remarks From Chair					
18:15 to 19:30 – Coaches to Madame Tussauds					



## Beauty for a New Age

### SESSION 3 - FOCUS ON THE SKIN MICROBIOME

Time	Lecture #	Speaker	Organisation	Paper Title	Country
09.00am	16	Hye-Young Yoo	Kolmar Korea	Comparison of scalp microbiome according to the severity of androgenic alopecia and gender in a Korean cohort	South Korea
09.20am	17	Aïna Queiroz	Seqens Cosmetics	New findings about the impact of exposome on skin microbiome	France
09.40am	18	Paul Lawrence	Biocogent	Revolutionizing Modern Skin Care with an Old Technology: Phage Therapy in the Age of the Skin Microbiome	USA
10.00am	19	Nico Forrazo	CTIBiotech	World's first human ex-vivo acne sebaceous gland model colonized with virulent phylotype of <i>C. acnes</i>	France
10:20 - Coffee, Posters & Exhibition					
10.50am	<b>Keynote</b>	<b>Dr Magali Moreau</b>	<b>L'Oreal R&amp;I</b>	<b>Harnessing skin microbiome intelligence for healthy looking skin</b>	<b>USA</b>
11.20am	20	Lionel Muniglia	Biolie	Valorization of fruits and vegetables coproducts to produce natural organic active waters for cosmetic formulation	France
11.40am	21	Sabrina Leoty-okombi	BASF Beauty Care Solutions	First-time use of a droplet-based microfluidic method to highlight specificities of microbiote communities from sensitive skin	France
12.00pm	22	Patrick Gonry	Gobiotics	The skin microbiota and stressful circumstances	Netherlands
12.20pm	23	Richard Leroux	Sederma	A new pentapeptide improves skin surface damages on face induced by <i>Cutibacterium acnes</i> activity	France
12:40 - Lunch, Posters & Exhibition					

### SESSION 4 - MAJOR ADVANCES IN HAIR SCIENCE AND TECHNOLOGY

Time	Lecture #	Speaker	Organisation	Paper Title	Country
14.10pm	24	Jennifer Marsh	Proctor & Gamble	Using solid-state 1H NMR relaxation methods to quantify small molecule interactions and damage in hair	USA
14.30pm	25	Yasunori Okuma	ARIMINO Co.	Simultaneous 3D visualization of hair microstructure and damage using FIB-SEM	Japan
14.50pm	26	Cindy Delvallé	Dow	The effects of cationic/hydrophobic-modified hydroxyethyl cellulose polymers on heat-styling damage	Belgium
15.10pm	27	Noriyuki Tanji	Kao Corp	Enhancing the penetration of ingredients into hair fibers using carbonated water	Japan
15:30 - Tea, Posters & Exhibition					
16.10pm	<b>Keynote</b>	<b>Prof.em Franz-Josef Wortmann</b>	<b>University of Manchester</b>	<b>Hair Testing: Opportunities &amp; Challenges - A Personal View</b>	<b>UK</b>
16.40pm	28	Brittany Pease	Inolex	Enhancing the conditioning performance of cationic amino lipids by formulating for optimized lamellar gel networks	USA
17.00pm	29	Sylvie Marull-Tufeu	Yves Rocher	Visualization and quantification of an active ingredient in hair fibers: an example with the penetration of Coconut oil	France
17:20 - Closing Remarks From Chair					
18:15 to 19:30 - Coaches to Madame Tussauds					

## Science of our Time



### SESSION 5 - NEUROSCIENCE: ENGAGING OUR BRAINS AND EMOTIONS

Time	Lecture #	Speaker	Organisation	Paper Title	Country
09.00am	Keynote	Baroness Susan Greenfield	Neuro-Bio Ltd	Skin and Brain: the closest of connections	UK
09.30am	30	Gusang Kwon	Amorepacific R&I Center	The Legilimens! A scientific spell using neuroscience to read your mind: real-time emotion estimation application and its implications in the cosmetic industry	South Korea
09.50am	31	Reinhold Dauskardt	Stanford University	Engineering Cosmetics to Combat Skin Stress and Promote Skin Comfort	USA
10.10am	32	Pedro Contreiras Pinto	PhDTrials	The skin as a recipient of environmental influences for the emotional state: The new concept of Eossible	Portugal
10.30am	33	Sébastien Cadau	BASF Beauty Care Solutions	3D-innervated epidermis grown on microfluidic chip	France
10:50 – Coffee, Posters & Exhibition					
11.20am	34	Celine Carrasco-Douroux	Symrise	Stress-relieving aromatic scents for covid-19 mask: analysis of the brain's response to reduce the stress, to improve wellbeing and energy via the contribution of neuroscience	France
11.40am	35	Hugo Ferreira	University of Lisbon	EEG-based functional connectivity and physiological correlates of emotion in fragrance exposure	Portugal
12.00pm	36	Monique Alves Frazon Cantu	Grupo Boticário	The Sounds of Freshness: soundtracks that crossmodally correspond with sensations associated to olfactory freshness	Brazil
12.20pm	37	Annalisa Tito	Arterra Bioscience	Innovative 3D skin and plant model to effectively monitor Piezo1 and Piezo2 driven mechano-transduction	Italy
12:40 – Lunch, Posters & Exhibition					



### SESSION 6 - SENSORY SCIENCE: FROM TEXTURE TO FRAGRANCE

Time	Lecture #	Speaker	Organisation	Paper Title	Country
14.00pm	Keynote	Prof Charles Spence	University of Oxford	Neuroscience-Inspired Multisensory Design in the Cosmetics Sector	UK
14.30pm	38	Jun Dong Park	Sookmyung Women's University	Establishing predictive model for the spreadability of cosmetic formulations by Large Amplitude Oscillatory Shear (LAOS) and machine learning	South Korea
14.50pm	39	Ryo Kakimoto	KOSÉ Corp	Discovery of global common denominators of skin reflectance that enhance attractive impressions -Paradigm shift in benefits of foundations to bring out individual beauty	Japan
15.10pm	40	Karine Desseille	Croda	Bridging consumer and technical sensory perspective on characterization of skin care products	France
15.30pm	41	Jenny Tillotson	Sensory Design & Technology	A wearable technology system, enabling the delivery of a personalized "Scent Bubble" as a sensory-controlled solution for Wellness, Healthcare, Perfumery, Fashion, Gaming/ Metaverse sectors	UK
15:50 – Tea, Posters & Exhibition					
16.20pm	42	Charlotte Dallay	Université Le Havre Normandie	Formulation of lamellar phases using a natural surfactant to understand the effects of fragrance on cosmetic emulsions: from microstructure to sensory perception	France
16.40pm	43	Harshita Kumari	University of Cincinnati	Impact of model 7-perfume molecule accord on the self-assembly of branched mixed-surfactant system as a function of dilution and dipropylene glycol: A neutron scattering study	USA
17.00pm	44	Marie Jaricot	Université Le Havre Normandie	Towards odorless cosmetic ingredients: determination of fatty esters odor origin	France
17:20 – Closing Remarks From Chair					

## Science of our Time

### SESSION 7 - THE OMICS: TECHNOLOGIES IN ACTION

Time	Lecture #	Speaker	Organisation	Paper title	Country
09.00am	45	Elias Bou Samra	L'Oreal R&I	Decoding epidermis reconstruction through time-course multi-omics data	France
09.20am	46	Florence Florence	Rohto Pharmaceutical Co	Tapping into our blood: Age-gender associated protein in human blood plasma and its potential relevance in skin aging	Japan
09.40am	47	Celine Laperdrix	Codif	Application of metabolomics for cosmetics	France
10.00am	48	Shodai Tanaka	Kao Corp.	Biological age reveals personal skin aging variations - An innovative skin aging index based on non-invasive internal skin RNA expression	Japan
10:20 - Coffee, Posters & Exhibition					
10.50am	<b>Keynote</b>	<b>Prof Mark Birch-Machin</b>	<b>Newcastle University</b>	<b>Bioenergy and stressed out skin, what can we do to help?</b>	<b>UK</b>
11.20am	49	Martin Baraibar	OxiProteomics	Targeted proteomics assessing skin proteome carbonylation as a reliable biomarker for dermo-cosmetics age management efficacy studies	France
11.40am	50	Francesca Rescigno	VitroScreen	Vascularized Dermopapilla 3D scaffold free Spheroids: an advanced micro-physiological system for hair growth research	Italy
12.00pm	51	Carine Jacques	Pierre Fabre Dermo-cosmétique	Multi-omic analysis to evaluate solar exposure impact on skin ecosystem and a new SPF50+ photoprotective system	France
12.20pm	52	Zheng Zhou	Mageline Biotechnology Co	Skin-improving function of disaccharide polysulfate, with increased effects on epidermal moisturizing and dermal elastic factors, and decreased effects on pigmentation factors	China
12:40 - Lunch, Posters & Exhibition					

### SESSION 8 - INSTRUMENTATION: MEASUREMENT AND MEANING

Time	Lecture #	Speaker	Organisation	Paper title	Country
14.10pm	53	Risa Iguchi	Matsumoto Trading Co	Imaging skin-penetration dynamics of caffeine under various conditions by using a high-resolution non-invasive analytical method	Japan
14.30pm	54	Milica Stevic	UAL, London College of Fashion	Instrumental Assessment of the Effectiveness of Silicone Replacement Materials in Lip Balms	UK
14.50pm	55	Tomonori Motokawa	POLA Chemical Industries	Intersection of cosmetic technology and wellness -Utilizing skin research techniques for stress management	Japan
15.10pm	56	Gunja Springmann	proderm GmbH	Aging Collagen in the Human Papillary Dermis: Comparison of Non Invasive in vivo Methods	Germany
15:30 - Tea, Posters & Exhibition					
16.10pm	<b>Keynote</b>	<b>Prof Desmond Tobin</b>	<b>University College Dublin School of Medicine</b>	<b>Why is the regulation of human skin colour still so perplexing - recent insights from the lab</b>	<b>Ireland</b>
16.40pm	57	Núria Marimon	Kao Chemicals Europe	Achieving optimum viscosity on challenging surfactant compositions by understanding the thickening mechanism	Spain
17.00pm	58	Grace Cunningham	University of Birmingham	Use of 3D printed rheometer geometries for improved scale-up of lamellar structured liquids	UK
17:20 - Closing Remarks From Chair					



## Innovation for Tomorrow's World



### SESSION 9 - SCIENCE & TECHNOLOGIES BEHIND CUTTING-EDGE INGREDIENTS

Time	Lecture #	Speaker	Company	Paper Title	Country
09.00am	59	Hanane Chajra	Clariant Active ingredients	A plant extract enriched in esterified decaffeoylquinic reveals high potency to mitigated vascular dark circles	France
09.20am	60	Stefan Hettwer	Rahn AG	A multi-sensorial active ingredient to reduce stress and improve skin condition	Switzerland
09.40am	61	Nathan Hordy	Anomera	A sustainable and functional alternative to microplastics in cosmetic applications	Canada
10.00am	62	Jun Pil Hwang	Cosmecca	The Novel Inorganic Pigments for Even Skin Tone, Water-resistance and SPF Enhancement	South Korea
<b>10.20am</b>	<b>Keynote</b>	<b>Tony O'Lenick</b>	<b>Nascent Technologies</b>	<b>Naturally Derived Polymers for Cosmetic Formulations - A Future Perspective</b>	<b>USA</b>
10:50 - Coffee, Posters & Exhibition					
11.20am	63	Nataschia Grimaldi	Infinitec Activos (Evonik)	Facing the future of cosmetics: the first mitochondria-targeted delivery system for antiaging treatments	Spain
11.40am	64	Ye Chen	Lubrizol Southeast Asia	Intelligent biopolymer-based Formulations strategies for emulsifier-free sunscreen products	Singapore
12.00pm	65	Junya Hiyoshi	Shiseido Co Ltd	Innovative formulation technology - Development of a new -gel emulsification method that provides increased comfort and wrinkle reduction capabilities	Japan
12.20pm	66	Paul Saporito	Croda Inc	WOWing the market with a PEG free option: A novel water-in-oil-in-water emulsifier	USA
12:40 - Lunch, Posters & Exhibition					



### SESSION 10 - SUSTAINABILITY, ENVIRONMENT & BIODIVERSITY

Time	Lecture #	Speaker	Company	Paper Title	Country
14.00pm	67	Emilie Munnier	Université de Tours	Impact of natural deep eutectic solvents-based microalgae extracts on the stability and properties of skincare products	France
14.30pm	68	Isabelle Hansenne-Cervantes	Modern Meadow	Potential of bio-collagen in dermatology and in cosmetics	USA
14.50pm	69	Teruaki Mori	Daito Kasei Kogyo	The approach for SDGs based on cultivation of Suizenji-nori, as a raw material of the ingredient, Sacran, for cosmetics	Japan
15.10pm	70	Gaetano Distefano	Intercos S.p.A	The blossoming of glossy new raw materials for cosmetic use: a new family of Bio-based polyurethanes for anhydrous formulations	Italy
15:30 - Tea, Posters & Exhibition					
<b>16.10pm</b>	<b>Plenary Closing Keynote Speaker</b>	<b>Sir Jonathan Porritt</b>	<b>Forum for the Future</b>	<b>Cosmetics 2030: Securing its Social Licence to Operate</b>	<b>UK</b>
16:50 - Closing Remarks From Chair					
18:20 to 18:50 - Coaches leave for Gala Dinner					
19:30 Onwards - Gala Dinner					

## Virtual Option

Why not encourage colleagues to book a Virtual place at the Congress if they are unable to travel with you?  
The podium and poster presentations will be available to view / purchase for up to 90 days post-Congress.

## Innovation for Tomorrow's World

### SESSION 11 - FORMULATING FOR CUSTOMISATION, PERSONALISATION & PLANET

Time	Lecture #	Speaker	Company	Paper Title	Country
09.00am	71	Eun Bi Ko	Amorepacific R&I	Development of Diagnostic Algorithm Based on Individual Skin Properties, Life Style and Genetic Data for Personalized Solution	South Korea
09.20am	72	Masugu Hamaguchi	Fujisawa	Artificial intelligence model for the prediction of cleansing foam formulations with excellent make-up removability – Is an “in silico formulator” superior to a human formulator?	Japan
09.40am	Keynote	Prof.em Robert Lochhead	Robert Lochhead Consulting	Cosmetics at the Intersection of Global Interconnectivity and Sustainability	USA
10.10am	73	Joana Marto	University of Lisbon	Towards the personalization of 3D printed patches for cosmetic applications	Portugal
10.30am	74	Toshihiro Arai	POLA Chemical Industries	AI-driven formulator skill augmentation – Co-formulation of Human and AI for cosmetic development	Japan
10:50 – Coffee, Posters & Exhibition					
11.20am	75	Jerry Yu	Personal Care Regulatory	Heavy metal content in cosmetic products: a comparative review on permissible level in global regulatory requirements and available analytical tests	UK
11.40am	76	Esther Lai-Fong Ip	Mentholatum (China) Pharmaceuticals Co.	A holistic comparison study between Chinese and European Cosmetic Regulations through LDA and text mining techniques	China
12.00pm	77	Fiona Jacobs	XCellR8	Development of an in vitro test to assess the skin irritation potential of ultra-mild personal care formulations	UK
12.20pm	78	Motoki Kubo	Ritsumeikan University	Evaluation of aquatic environmental compatibility through degradation of UV filter by microorganisms	Japan
12:40 – Lunch, Posters & Exhibition					

### SESSION 12 - TECHNOLOGY SHOWCASE CHALLENGE IN ASSOCIATION WITH COSMETICS CLUSTER UK

14:00 – Technology Showcase Challenge starts

15:40 – Tea, Posters & Exhibition

17:00 – Closing Remarks From Chair

18:20 to 18:50 – Coaches leave for Gala Dinner

19:30 Onwards – Gala Dinner

**INNOVATION IN ACTION**  
**TECHNOLOGY SHOWCASE CHALLENGE**

COSMETICS CLUSTER UK IS CO-HOSTING THIS CHALLENGE WITH IFSCC CONGRESS 2022

INNOVATION FOR TOMORROW'S WORLD

T = TECHNOLOGY  
E = ENGINEERING  
D = DESIGN

COSMETICS CLUSTER UK

32<sup>nd</sup> IFSCC Congress  
London 19-22 September 2022

OPEN FOR LATE ENTRIES TILL  
22nd AUGUST

WINNERS TO SHOWCASE AT  
IFSCC CONGRESS 2022  
ON THE 22ND SEPTEMBER

SCS  
SOCIETY OF COSMETIC SCIENTISTS

## Poster Sessions - Park Suites 1-6

### DAY 1 TUESDAY 20TH SEPTEMBER

Session	Title
A	Major Advances in Hair Science
B	Hair Care: Ingredients & Technology
C	Delivering Efficacy: UV Protection
D	Neuroscience & Sensory Science
E	The Omics, Customisation, Personalisation & Planet

### DAY 2 WEDNESDAY 21ST SEPTEMBER

Session	Title
F	Instrumentation: Measurement & Meaning
G	Sustainability, Environment & Biodiversity
H	Skin Care: Ingredients
I	Science & Technologies: Ingredients
J	Skin Microbiome, Consumer & Environmental Safety

### DAY 3 THURSDAY 22ND SEPTEMBER

Session	Title
K	Delivering Efficacy: Skin Science
L	Skin Health & Protection
M	Skin Care Formulation
N	The Science of Skin Ageing
P	Delivering Efficacy: Ingredients

Poster Sessions are subject to change at the discretion of the event organiser.



# Exhibitors and Exhibition Floor Plan

Park Plaza, Westminster Bridge, London

## LOWER GROUND FLOOR - PLAZA SUITES

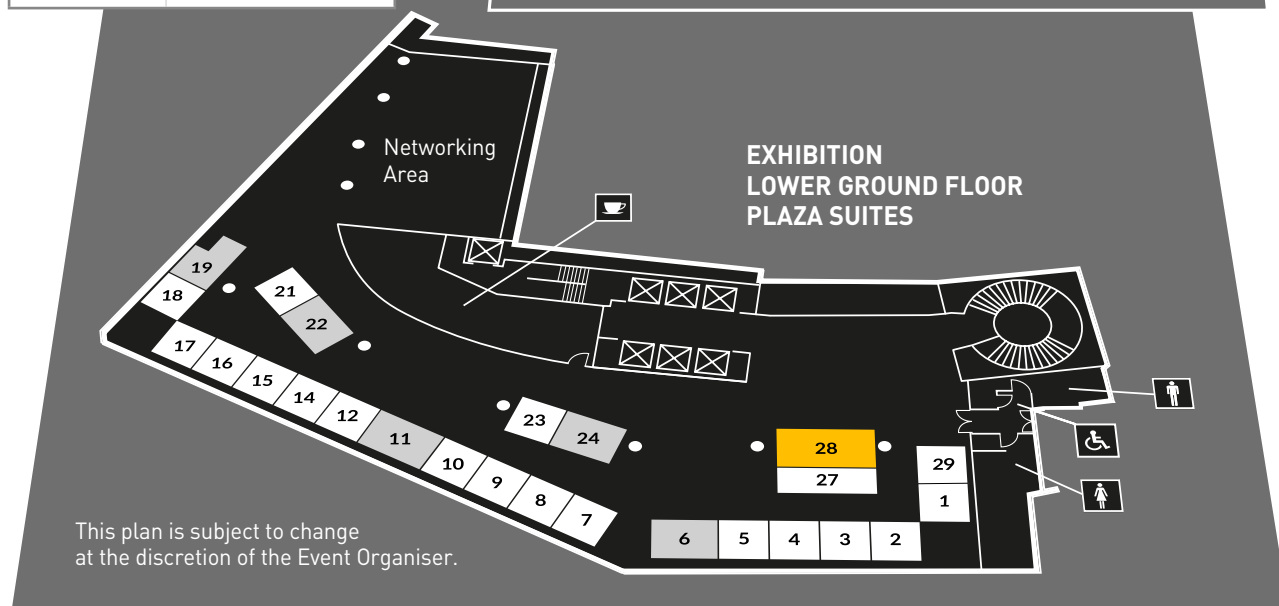
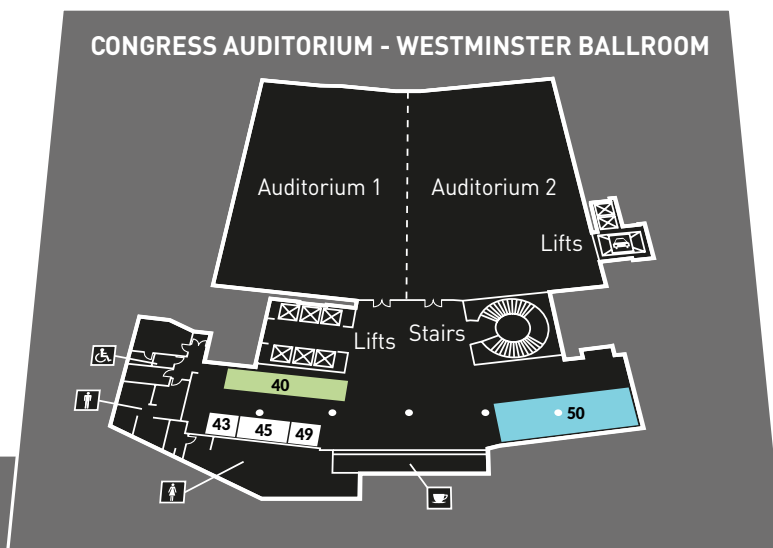
Stand Number	Exhibitor
1	Safic Alcan
2	Silab
3	Cutest Systems
4	Reserved
5	Alchemy Ingredients
6	Eurofins
7	proderm
8	Surfachem
9	Courage & Khazaka
10	LabAnalysis
11	Biocogent
12	The Good Face Project
14	Labskin
15	Adina Cosmetic Ingredients
16	Cortex Technology
17	Mineed Technology
18	Givaudan
19	Hayashibara Co.
21	Merck
22	Ayton Global Research
23	Bloomage Biotechnology
24	Abich - Lifeanalytics Sri
27	Dia-Stron
28	Greentech
29	Biox Systems
29	Eotech SAS
29	RiverD International BV

## CONGRESS AUDITORIUM

Stand Number	Exhibitor
40	Croda
43	Personal Care Magazine
45	IFSCC/SCS
49	NYSCC Suppliers Day
50	L'Oreal

## SPONSORS

- DIAMOND
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This plan is subject to change at the discretion of the Event Organiser.

## Registration Fees

**Your in-person Delegate Registration covers the entire event**, including the Opening Ceremony, Oral and Poster Scientific Sessions, Exhibition, Lunch, Refreshment Breaks and all Networking Events – the Welcome Reception, Networking Evening at Madame Tussauds, Closing Gala Awards Dinner.

**Virtual registration** includes access to the Attendee Hub to view lectures live as they happen in London or On-Demand.

Both types of registration include 90 days access to download the Congress Proceedings and revisit lectures and posters via the online Attendee Hub. Attendees will be able to connect with other delegates or presenters, who consent to be visible, within the Congress App Chat function.

For more information about other registration types visit [www.ifsc2022.com/registration](http://www.ifsc2022.com/registration)

	<b>Standard</b> Until 31 Aug 2022	<b>Late/On-Site</b> From 1 Sept 2022
<b>IFSCC Affiliated Society Member</b>	£1,599	£1,999
<b>Non Member</b>	£1,899	£2,399
<b>Accompanying Person</b>	£500	£650
<b>Academic</b>	£950	£1,000
<b>Academic Full Package</b>	£1,249	£1,299
<b>Student</b>	£700	£750
<b>Virtual Attendee Member</b>	£999	£1,299
<b>Virtual Attendee Non-Member</b>	£1,199	£1,499

+VAT where applicable

**Thank you to all our supporters.  
This event could not happen without you.  
Looking forward to seeing everyone in London.**

*The IFSCC 2022 Organising Team*

