

## Deux personnalités renommées de la communauté internationale des chercheurs, une généticienne et une physicienne de l'environnement construit, rejoignent la Fondation GESDA qui présente dès ce dimanche 13 avril son Portail Public de l'Anticipation de Genève au cœur du Pavillon suisse de l'Exposition Universelle d'Osaka

Genève, 11 avril 2025

Aujourd'hui, le Conseil de la Fondation GESDA a tenu sa séance de printemps. Au programme deux nominations importantes, un échange de fond sur l'avenir du multilatéralisme à Genève et dans le monde avec le Secrétaire d'Etat suisse aux Affaires étrangères Alexandre Fasel et le Président du Forum diplomatique de GESDA, l'ancien premier ministre italien Enrico Letta. La séance s'est achevée avec le visionnement de l'installation finale du Portail Public de l'Anticipation de Genève qui sera visible du 13 avril au 13 octobre au cœur du Pavillon suisse de l'Exposition Universelle d'Osaka. Ce portail interactif et ludique rend accessible au grand public le GESDA Science Breakthrough Radar® et illustre ainsi le rôle de la Genève internationale dans le monde en matière de diplomatie et d'anticipation scientifiques. Il rejoindra Genève en 2026.

### **Le Conseil de Fondation accueille Magdalena Skipper, éditrice en chef de la revue *Nature***

Le Conseil de la Fondation GESDA compte statutairement entre 9 et 15 membres. Depuis sa création en 2019, il veille à réunir des personnalités complémentaires prêtes à s'engager concrètement pour la Fondation qui lui offrent une diversité de perspectives tant par leur provenance géographique que par leur expérience professionnelle interdisciplinaire en lien avec la science, la politique, la diplomatie, le secteur privé ou la société civile.

Lors de sa séance du jour, le Conseil a d'abord confirmé la nomination en son sein d'une personnalité de renom à l'interface de la science de pointe et du monde de l'édition, en la personne de la généticienne britannique, Madame Magdalena Skipper. Dr. Magdalena Skipper est depuis 2018 rédactrice en chef de la revue *Nature*, la plus importante revue scientifique au monde créée à Londres en 1869. Généticienne de formation, diplômée des universités de Nottingham et de Cambridge, elle siège au conseil consultatif du Centre pour la Médecine Personnalisée de l'Université d'Oxford. Elle est membre du Conseil stratégique de l'Académie nationale des Sciences des États-Unis pour l'excellence, l'intégrité et la confiance dans la recherche et du Conseil consultatif scientifique des Prix Blavatnik pour les jeunes scientifiques.

Elle est associée au Conseil International de la Science et participe régulièrement aux groupes de travail de la Fondation GESDA depuis 2023. Elle a ainsi contribué à la réunion inaugurale du Global Curriculum for Anticipatory Leadership lancé par GESDA en juin 2024 avec le soutien du Wellcome Trust de Londres.

## Le Conseil de Fondation nomme Marilyne Andersen au poste de Directrice Générale de GESDA

Le Conseil a ensuite nommé la Professeure Marilyne Andersen au poste de Directrice Générale de la Fondation GESDA.

Tout comme Magdalena Skipper, la Professeure Marilyne Andersen fait le lien entre science de pointe, culture et société.

Née à Zurich, physicienne de formation, elle est une experte de pointe dans le domaine de la lumière du jour en lien avec les neurosciences et la psychophysique. Elle mène depuis plus de 25 ans des travaux pionniers à l'interface entre la science, l'ingénierie et l'architecture en sa qualité de Professeure en technologies de construction durable à l'Ecole Polytechnique fédérale de Lausanne (EPFL) dont elle a notamment été la doyenne de la Faculté de l'environnement naturel, architectural et construit entre 2013 et 2018. Elle dirige actuellement un important consortium de recherche suisse sur la transition énergétique, axé sur l'avenir de l'habitat et du travail impliquant 10 institutions universitaires et 30 partenaires des secteurs public et privé.

Avant de rejoindre l'EPFL, elle a été professeure au prestigieux Massachusetts Institute of Technology (MIT) puis professeure invitée à l'Université de technologie et de design de Singapour. Elle a effectué deux séjours de recherche au Lawrence Berkeley National Laboratory en Californie. Elle a été membre du conseil de la Fondation Holcim pour la construction durable de 2015 à 2024 et experte auprès de l'agence suisse de l'Innovation « InnoSuisse » de 2018 à 2024. Elle siège actuellement aux conseils des fondations ArtTech et Culture du Bâti, et met ses recherches en pratique par le biais d'OCULIGHT dynamics, une start-up qu'elle a cofondée qui offre des services de conseil spécialisés sur la lumière du jour et ses effets psychophysiologiques sur les occupants des bâtiments.

En sa qualité de Directrice Générale de la Fondation GESDA, Marilyne Andersen aura pour mission dès le 15 avril 2025 de réussir la phase de croissance de la Fondation d'ici 2032 et de la faire passer du statut de start-up pionnière à celui de scale-up et de marque globale, en contribuant à la pérennité institutionnelle et financière de GESDA en collaboration avec le Conseil de Fondation, en assurant la mise en œuvre des priorités stratégiques de la Fondation tout en promouvant la marque GESDA et ses résultats, dans le monde, à Genève et en Suisse.

Sa nomination renforce également les partenariats initiés depuis 2019 par GESDA avec les universités et les écoles polytechniques fédérales suisses, notamment avec l'EPFL dont la Présidente, Madame Anna Fontcuberta i Morral, a activement contribué à la gestation de l'Open Quantum Institute, la première initiative concrète née à GESDA qui est désormais hébergée par le CERN à Genève avec le soutien financier d'UBS. Dans cette optique, Madame Andersen conservera une activité à temps partiel au sein de l'EPFL afin de garder un lien étroit avec les milieux académiques et en faire bénéficier GESDA.

Elle se rendra au Japon pour assister le 22 avril à la journée suisse de l'Exposition universelle d'Osaka en compagnie des autorités suisses. Elle y retrouvera la Présidente du Forum Citoyen de GESDA, Madame Henrietta Fore, et la Professeure mandatée par GESDA pour réaliser le portail public de l'Anticipation de Genève, Madame Sarah Kenderdine, avec laquelle elle a co-commissioné une exposition artistique sur des sujets scientifiques aux EPFL Pavilions, au Gewerbemuseum de Winterthur et au MIT Museum de Cambridge/USA ; Marilyne Andersen expose actuellement deux œuvres au Mudac, le Musée cantonal du Design et d'Arts appliqués de Lausanne.

## Le Conseil de Fondation exprime sa gratitude à Michael Møller

Enfin, le Conseil de Fondation tient à exprimer sa gratitude à M. Michael Møller pour les 10 années qu'il a consacrées à la Fondation GESDA entre 2015 et 2025. Ancien Secrétaire général adjoint des Nations Unies, M. Møller a été de 2013 à 2019, durant son mandat de Directeur général de l'Office des Nations Unies à Genève, membre du groupe de travail « Genève Plus » chargé de proposer des pistes de renforcement de la Genève internationale. Le rapport final du groupe de travail a conduit à la création du GESDA par les gouvernements suisse et genevois en collaboration avec la Ville de Genève. De 2019 à son départ fin mars 2025, M. Møller a joué un rôle clé dans le renforcement de la visibilité du GESDA dans les milieux diplomatiques, à Genève et dans le monde, en tant que premier Président du Forum diplomatique, puis en tant que membre du Conseil de Fondation.

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Pour toutes vos questions, merci de contacter :

**Peter Brabeck-Letmathe**, Président de la Fondation

Téléphone : +41 21 924 24 71

**Marilyne Andersen**, Directrice Générale de la Fondation GESDA

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**Jean-Marc Crevoisier**, Directeur de la Communication

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## A propos de la Fondation GESDA

GESDA est une fondation de droit privé et un partenariat public-privé lancés par les autorités suisses et genevoises en 2019. Les statuts de la fondation lui donnent pour mission de « **développer un outil d'anticipation et d'action en favorisant les partenariats public-privé à l'échelle internationale et en développant des projets qui apportent des solutions aux défis technologiques actuels et futurs, les transforment en opportunités et élargissent le cercle des bénéficiaires du progrès scientifique et technologique** ».

## A propos du Conseil de la Fondation GESDA

Le Conseil de la Fondation GESDA s'appuie sur des personnes issues d'horizons thématiques et géographiques différents:

- Des personnalités ayant une expérience du monde de la recherche avec Patrick Aebischer, Vice-président de la Fondation GESDA, Urs Gasser, Michael Hengartner, Lindiwe Majele Sibanda et Eng Chye Tan.
- Des personnalités ayant l'expérience du monde politique et diplomatique avec Micheline Calmy-Rey, Stéphane Decoutère, Alexandre Fasel (invité permanent), Enrico Letta et John-Arne Røttingen.
- Des personnalités du secteur privé, avec Peter Brabeck-Letmathe, Président de la Fondation GESDA et Anton Rupert.
- Des personnalités du monde citoyen, associatif et médiatique avec Henrietta Fore et Magdalena Skipper.

# Marilyne Andersen – Curriculum Vitae

Born on 27.09.1974 in Zurich. Swiss citizen (& Belgian). Married, 2 daughters (born in 2005 and 2006) | [Profile URL](#) | [Google Scholar ID](#)

Marilyne Andersen has a background in physics (MSc 1998, PhD 2004) and is Full Professor of Sustainable Construction Technologies and Head of the Laboratory of Integrated Performance in Design (LIPID) at EPFL. She is a world leading expert in the field of daylighting in connection to neuroscience and psychophysics and has been conducting pioneering work at the interface between science, engineering and architecture for over 25 years. Her research activities focus on performance as a driver for design by addressing questions of human comfort, perception and health as well as their environmental implications, ultimately aiming towards their deeper integration in a design-for-sustainability process. She is leveraging this research in practice through OCULIGHT dynamics, a startup she co-founded, which offers specialized consulting services on daylight and its psycho-physiological effects on building occupants. She currently leads a major Swiss-wide research consortium on the energy transition with a focus on the future of living and working (8 years, with total project budget of 22.1 MCHF), involving 10 academic institutions and 30 partners from the public and private sectors.

She was the Dean of the School of Architecture, Civil and Environmental Engineering at EPFL from 2013 to 2018, during which she launched several school-wide initiatives and programs pertaining to innovation, project-based learning and interdisciplinary cohesion. From 2018 to 2024, she was the Academic Director of the Smart Living Lab research center in Fribourg, Switzerland and is since 2018 Director of the Student Kreativity and Innovation Laboratory (SKIL) at ENAC. Before joining EPFL as tenured Associate Professor in 2010 (she became Full Professor in 2013), she was tenure-track professor in the Building Technology Program at the MIT School of Architecture and Planning, where she founded the MIT Daylighting Lab. She also spent two research stays at the Lawrence Berkeley National Laboratory in California and has been Visiting Professor at the Singapore University of Technology and Design in 2019.

She is the author of more than 250 papers published in peer-reviewed journals and international conferences and the recipient of several grants and awards including the inaugural global Daylight Award for Research in 2016 and a number of publication distinctions. She was member of the Board of the Holcim Foundation for Sustainable Construction from 2015 to 2024 and expert to the Innovation Council of InnoSuisse from 2018 to 2024. She sits on the Boards of the ArtTech and Culture du Bâti Foundations, is member of the Editorial Board of the journals Buildings & Cities, Building & Environment and LEUKOS, and Founding Member of the Daylight Academy.

## Education

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- 2000 – 2004      PhD in Building Physics, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland  
Thesis title: 'Innovative Bidirectional Video-Goniophotometer for Advanced Fenestration Systems'  
2001-02: Swiss National Science Foundation Fellow, Lawrence Berkeley National Lab (LBNL) / UC Berkeley, USA
- 1993 – 1998      MSc in Physics, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland  
1995-96: Erasmus Fellow (exchange student) at Université Catholique de Louvain (UCL), Belgium

## Employment history

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- 2013 – now      Full Professor, School of Architecture, Civil and Environmental Engineering (ENAC), EPFL, Switzerland  
2018-2024: Academic Director of Smart Living Lab, Fribourg, Switzerland  
2019: Visiting Professor, Architecture and Sustainable Design, Singapore University of Technology and Design (SUTD)
- 2018 – now      Co-Founder, Managing Director, OCULIGHT dynamics Sàrl, Switzerland | [oculightdynamics.com](http://oculightdynamics.com)
- 2013 – 2018      Dean, School of Architecture, Civil and Environmental Engineering (ENAC), EPFL, Switzerland | [overview EPFLnews](#)
- 2010 – 2013      Associate Professor, School of Architecture, Civil and Environmental Engineering (ENAC), EPFL, Switzerland
- 2009 – 2010      Associate Professor tenure-track, Building Technology, MIT School of Architecture and Planning, USA
- 2004 – 2009      Assistant Professor tenure-track, Building Technology, MIT School of Architecture and Planning, USA  
2009: Visiting faculty, Lawrence Berkeley National Lab (LBNL) / UC Berkeley, USA
- 1998 – 2004      Teaching and Research Assistant in Architecture, Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland  
2001-02: Visiting scholar, Building Technologies Department, Lawrence Berkeley National Lab (LBNL) / UC Berkeley, USA

## Leadership in institution-wide initiatives at EPFL (as Dean)

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ENAC school at the time: ~70 faculty members, ~800 academic, administrative and technical staff members, ~2'500 students, Budget ~60 MCHF

- 2018 – now      Student Kreativity and Innovation Laboratory (SKIL) – launch and building of EPFL's first makerspace (700 users from all EPFL schools during first year of operation) | [skil.epfl.ch](http://skil.epfl.ch)
- 2017 – 2020      InnoSeed ENAC – implementation of first innovation support program for the ENAC school (3 times more startups and patent applications since start of program for granted funding totaling 0.6 MCHF) | [innoseed-enac.epfl.ch](http://innoseed-enac.epfl.ch)
- 2016 – 2021      Sponsored chair in Urban Ecology – partnership with private company to establish strategic research field at interface between environment and architecture, 4 MCHF raised budget | [with Ja Mobilière](#)
- 2014 – 2024      Smart Living Lab, Fribourg – launch and establishment of new inter-institutional and interdisciplinary research center on the future of the built environment, 51 MCHF + 5 MCH/y raised budget | [smartlivinglab.ch](http://smartlivinglab.ch)
- 2014 – 2017      International competition U.S. Solar Decathlon 2017 – initiator and leader of Swiss team (winning entry: 8 podiums out of 10 contests of which 6 in first place), 250 students, 4 MCHF raised budget and four partner universities: EPFL, HEIA-FR, HEAD-Genève, UniFR | [swiss-living-challenge.ch](http://swiss-living-challenge.ch)
- 2013 – 2018      Affinity Map – development of a data-driven interactive visualization of research and teaching activities within and between ENAC laboratories and research groups | [affinitymap.epfl.ch](http://affinitymap.epfl.ch)

### Other institutional responsibilities at EPFL (as Chair / Director / Head – outside of Deanship)

2022 – now	PI and Coordinator of Swiss Federal Office of Energy SWEET 'Living & Working' consortium   <a href="#">SWICE project</a>
2021 – 2024	Chair of Campus Committee for EPFL Fribourg Associate Campus   <a href="#">EPFL Fribourg</a>
2018 – 2024	Academic Director of Smart Living Lab, Fribourg   <a href="#">smartlivinglab.ch</a> Chair of SLL Scientific Commission, Co-chair of SLL Executive Committee
2018 – now	Director of Student Kreativity and Innovation Laboratory (SKIL), EPFL   <a href="#">skil.epfl.ch</a>
2013 – now	Co-chair of interdisciplinary Minor in Integrated Design, Architecture and Sustainability (IDEAS), EPFL   <a href="#">ideas.epfl.ch</a>
2010 – now	Head of Laboratory of Integrated Performance in Design (LIPID), EPFL   <a href="#">lipid.epfl.ch</a>

### Board memberships

2024	The Line Advisory Committee, NEOM, Saudi Arabia
2023 – now	Strategic Advisory Board of Innergia SA
2022 – now	Board of the ArtTech Foundation – Vice-Chair in 2022-2023, Chair a.i. since 2023
2022 – now	Scientific Board of the EPFL+ECAL Lab (design research and innovation centre)
2019 – now	Editorial Board of the Buildings & Cities journal (Taylor & Francis)
2016 – now	Board of the Fondation Culture du Bâti CUB – Vice-Chair since 2022
2015 – 2024	Board of the Holcim Foundation for Sustainable Construction
2013 – now	Editorial Board of the LEUKOS journal (Illuminating Engineering Society) – on Advisory Board since 2023
2012 – now	Editorial Advisory Board of the Building and Environment journal (Elsevier)

### Recent competitive funding (selection)

2022 – 2029	Swiss Federal Office of Energy, SWEET 01-2021 'Living & Working' – SWICE consortium, CHF 9'951'000 as PI consortium including 3 federal institutes (EPFL (Host), ETH Zurich, EMPA), 3 cantonal universities (of Geneva, Fribourg and Lausanne), 4 universities of Applied Sciences (HEIA-FR, ZHAW, HSLU, SUPSI) and 30 industry and public partners
2022 – 2023	VELUX Stiftung grant, project Nr. 1765, CHF 300'000 as PI
2022 – 2023	Swiss NSF-AGORA, Division InterCo (science communication), grant CRAGP3_208347 / 1, CHF 199'720 as PI
2021 – 2025	Swiss NSF, Division 2, Engineering Sciences – grant 200021_197178, CHF 839'086 as PI
2021 – 2022	EPFL-Wyss Center grant for startup projects, CHF 100'000 as PI
2020 – 2024	H2020-MSCA-ITN-2019 EU project 860613, € 562'553 [EPFL part] as co-PI consortium including TU Eindhoven (PI, The Netherlands), University of Manchester and University of Sheffield (UK), University of Liège (Belgium), TU Berlin (Germany), University of Basel and EPFL (Switzerland) and industry partners
2020 – 2021	InnoSuisse IP-ICT – 'Spectrace' project 40598.1 (eHealth category), CHF 349'866 as PI

### Awards and distinctions (selection)

#### Professional distinctions

2025	Swiss Who's Who Women Awards 2025 – amongst the six nominees for the year 2025
2019	Professional Lighting Design Recognition Award 2019 – LIPID group shortlisted in category "Award for Education"
2018	Le Prix Start-Up Durable 2018, Le Temps – OCULIGHT dynamics distinguished amongst three finalist startups
2017	Leader and Faculty advisor of winning team at U.S. Solar Decathlon 2017 with NeighborHub solar house
2016	Inaugural laureate of international Daylight Award for Research 2016 by Velux Villum Foundations granted to individual who distinguished him/herself as outstanding contributor to internationally recognized daylight research
2009	3M Non-Tenured Faculty Grant – awarded by 3M to recognize outstanding new faculty
2008	Mitsui Career Development Professorship – granted by MIT to recognize research and teaching accomplishments

#### Media distinctions

2019	"100 Femmes et des milliers d'autres" – one of 100 influential women selected & part of 20 video-featured personalities
2014	"Les 50 plus influents de Suisse", BILAN (25.06.2014) – one of the 25 cited emerging figures in the Swiss economy
2011	"Forum des 100", l'Hebdo (12.05.2011) – one of 100 Swiss outstanding personalities for the year 2011
2011	"Les 20 Suisses qui font l'innovation", BILAN (02.02.2011) – one of 20 Swiss innovators
2007	"Ces femmes qui font l'économie romande", BILAN (06.06.2007) – one of 30 outstanding women

#### Scientific paper awards

2023	JBPS Best Paper Prize 2022-2023 – bestowed by editors-in-chief of the Journal of Building Performance Simulation
2019	Leon Gaster Award 2019 – granted by the Society of Light and Lighting (CIBSE) for co-authored paper in LRT
2018 – 2021	4 best conference paper distinctions (ANFA 2018, SBE 2019, SimAUD 2021, CIE 2021)
2018	2 journal paper distinctions (Building and Environment 2018, Finalist Paper for 2018 Human Factors Prize)
2011 – 2012	3 best conference paper awards (PLEA 2011, BSO 2012, SimAUD 2012)
2009	IES Taylor Technical Talent Award 2009 – granted by IES to recognize superior application papers
2005	EPFL Chorafas Prize 2005 – granted to PhD to recognize high level sustainability research

## Invited presentations (selection)

2025	Invited speaker at Building Energy Efficiency & Indoor Environmental Quality in AI Era workshop, PolyU, Hong Kong
2025	Featured speaker at 'The Power of Light' event, Design Innovation Institute Shanghai, China
2024	Keynote speaker at IEEE Sustainable Smart Lighting Conference, Eindhoven University of Technology, NL
2023	Invited speaker for MIT Architecture Distinguished Lecture, Cambridge, USA
2023	Invited speaker at Northwestern University, Feinberg School of Medicine & Architectural Engineering, Chicago, USA
2023	Featured speaker for Daylight Expert Workshop, European Parliament, Brussels, Belgium
2023	Featured speaker and panelist at The Daylight Award Ideation Workshop, Copenhagen, Denmark
2023	Invited speaker for <i>Metropolis Initiative Seminar Series</i> , Princeton University, USA
2023	Invited speaker at Center for Healthy Indoor Environments (CHIE), Lund University, Sweden
2022	TEDx IHEID talk at the Geneva Graduate Institute: 'The Dawn of A New Era', IHEID Geneva, Switzerland
2021	Invited panelist for <i>Meetings on Architecture – Dimensions of sustainability</i> , 17 <sup>th</sup> Venice Architecture Biennale, Italy
2021	Invited lecture at the Seoul National University for the Fall 2021 Public Lecture series, South Korea (online)
2021	Invited lecture at Harvard Center for Green Buildings and Cities (CGBC) Lecture Series, Harvard GSD, USA (online)
2020	Keynote speaker at the <i>12th Annual Symposium of Architectural Research 2020</i> , University of Oulu, Finland (online)
2020	Featured speaker for Luncheon Talk at Parliament Session, Bern, Switzerland
2019	Invited lecture at Kyoto Design Lab, Kyoto Institute of Technology in Kyoto, Japan
2019	Keynote speaker at the <i>2019 SinBerBEST Annual Symposium</i> (Singapore-Berkeley), Singapore
2019	Invited lecture at Disney Research - ETH, Zurich, Switzerland
2018	Keynote speaker at <i>SimAUD 2018 Symposium on Simulation for Architecture &amp; Urban Design</i> , Delft, NL
2017	Invited speaker at <i>Material Light :: Light Material Symposium</i> , Yale University, USA
2016	Keynote speaker at <i>European Space Agency (ESA) Closed Habitats Forum</i> , Lausanne, Switzerland
2013	Invited speaker at the <i>London Design Festival – The Photon Project conference</i> , London, UK
2009	Keynote speaker at the <i>International Congress of Architecture 'Luz &amp; Diseño'</i> (Light and Design), Zacatecas, Mexico

## Outreach and innovation (selection)

### Conference organization

2023, (2025)	Chair of <i>CISBAT 2023</i> , hybrid International scientific conference on <i>The Built Environment in Transition</i> 13-15 September 2023, 3-5 September 2025 (Swiss Tech Convention Center, EPFL), Lausanne & Fribourg, Switzerland MIT and University of Cambridge as scientific partners – EPFL and Smart Living Lab as organizers – SFOE as sponsor
2023, 2024, (2025)	Chair of <i>SWICE Annual Conference</i> 22-23 June 2023 (Suurstoffi, Risch-Rotkreuz), 5-6 June 2024 (EPFL campus, Lausanne), 3-4 June 2025 (Winterthur)
2023	Co-chair of <i>Lighten Up! symposium: Encounters between Art and Chronobiology</i> , 24 March 2023 (Foyer SG, EPFL) complemented by <i>La Lumière &amp; Nous</i> day of encounters for the public (3 June 2023, EPFL)
2021	Chair of <i>Symposium Lumière du Jour</i> conference, 7 October 2021 (Forum of Rolex Learning Center, EPFL) organised in partnership with SLG (Schweizer Light Gesellschaft), espazium and VELUX Switzerland SA

### Artistic exhibitions

2025	Artist/Scientist for <i>Daylightful Trilogy</i> at EPFL Archizoom for 'Sun Shines on Architecture' (21.03 – 21.06.2025)
2025	Contributing scientist for <i>Droit au Jour</i> ("Right to the Day"), <i>Solar Biennale</i> , mudac, Lausanne (21.03 – 21.09.2025)
2025-2026	Main artist of <i>Circa Diem 2.0</i> installation (Ø 535 cm x (h) 340 cm) to be exhibited at <i>Solar Biennale</i> , mudac (21.03 – 21.09.2025) and at MIT Museum, USA (15.10.2025 – 15.08.2026)
2023-2026	Co-curator of <i>Lighten Up! On Biology and Time</i> exhibition inaugurated at EPFL Pavilions (23.03 – 30.07.2023) adapted for: Gewerbemuseum Winterthur (22.11.2024 – 11.05.2025) and MIT Museum, USA (15.10.2025 – 15.08.2026)
2021, 2023	Main artist of <i>Circa Diem</i> installation (Ø 400 cm x (h) 575 cm) exhibited at <i>Seoul Biennale for Architecture and Urbanism SBAU 2021</i> , Seoul, South Korea (16.09 – 31.10.2021) and at <i>Lighten Up! On Biology and Time</i> , EPFL Pavilions (23.03 – 30.07.2023)
2010	Curator of <i>Delight in Greener Daylight – A Class Perspective on Façade Renovation</i> exhibition Wolk Gallery, MIT Museum (27.04 – 30.07.2010), Cambridge, USA – sponsored by swissnex Boston and MIT

### Knowledge transfer

2019	SPECTRACE   Principal Investigator Novel spectral wearable technology development supported by InnoSeed grant (2019-2020), Innosuisse ICT grant in eHealth category (2020-2022), EPFL-Wyss Center startup grant (2021-2022). Provisional EP Patent Application Nr 20210657.1 filed through EPFL in 2020 (PhD advisee as inventor).
2018	OCULIGHT dynamics Sàrl   Co-founder and co-inventor with S. Rockcastle and M.L. Amundadottir Company incorporated in March 2018. Software license agreement signed in June 2018 between OCULIGHT dynamics and EPFL for OCUSIM workflow and OCUVIS web-based visualizer.
2013	US Patent No US20130321923A1 – A Passive Louver-Based Daylighting System   PI and co-inventor with K. Thuot Filed with the United States Patent and Trademark Office (USPTO). Prototype installed on all floors of Hulic HQ office building in Tokyo, Japan. Building received Best Environmental Award 2016 (National Award).

**Magdalena Skipper, PhD**  
**Editor in Chief, *Nature***  
**Chef Editorial Advisor, Nature Portfolio**

Springer Nature Campus, 4 Crinan street, London, N1 9XW, UK  
m.skipper@nature.com

## Skills Summary

Internationally recognised leader, speaker, editor, innovator and strategist, with more than two decades of wide-ranging experience in research publishing, research environments at the academia/pharma interface as well as academia. Highly skilled scientific editor, public speaker and writer; innovator of online publishing solutions; effective negotiator; experienced mentor and leader of global teams and manager of projects; enthusiastic and driven professional with strong interpersonal skills, and an in-depth knowledge of research trends and the community needs.

## Degrees

D.Phil. *Honoris Causa*, University of Nottingham, UK

Ph.D., Corpus Christi College, University of Cambridge and MRC LMB, UK

B.Sc. Hons (First Class) Genetics, University of Nottingham, UK

## Experience

June 2018 – the present      Editor in Chief, *Nature*; Chief Editorial Advisor, Nature Portfolio

Strategic role responsible for the reputation and content of *Nature*, the flagship journal of Springer Nature, and an advisory editorial role for all other journals & services in the Nature Portfolio

August 2017 – June 2018      Editor in Chief, *Nature Communications*, Springer Nature

Strategic role responsible for the reputation and content of the flagship Open Access Nature Portfolio title, the largest STM journal in terms of skilled professional editorial staff; champion of transparent and open science, and its publishing

Sept 2016 – August 2017      Director of Scientific Communications & Publishing, Altius Institute for Biomedical Sciences, Seattle, USA

Mentorship and advisory role with key responsibilities for the creation and implementation of external science communication strategy and innovation in the dissemination of Altius Institute's research output; member of the senior leadership team, contributing to the overall vision of the Institute.

June 2015 – Sept 2016      Executive Editor, Nature Partner Journals, Springer Nature

Strategic responsibility for journal portfolio planning across the breadth of natural and applied sciences, establishment of in-house editorial teams to optimise and implement Nature Portfolio editorial policies; mentorship and support the Editorial Boards

June 2008 – June 2015      Senior Editor, Team Leader, *Nature*, NPG, London, UK

Sole responsibility for solicitation/evaluation, peer review and publication of manuscripts in human genetics and genomics, and biotechnology – some of the most prominent and most highly cited content at nature; driver of journal strategy in genetics and genomics and the public face of nature within the genomics and genetics communities

January - June 2008      Associate Publisher, Nature Life Sciences, NPG, London, UK

Development and implementation of overall strategic objectives for the newly created division, with responsibilities for editorial budget monitoring, as well as coordination and implementation of special projects

Nov 2002 - January 2008      Chief Editor, *Nature Reviews Genetics*, NPG, London, UK

Direct responsibility for the editorial direction of the journal, its policies and content, as well as journal and NPG representation at international conferences; direct management of journal editorial staff, budgets and addition revenue from sponsorship

March 2001 - Nov 2002      Associate Editor, *Nature Reviews Genetics*, NPG, London, UK

Commissioning editorial role with additional responsibility for science writing and manuscript editing, design and co-ordination of the magazine layout, as well as representation of the journal and NPG at international conferences

Jan 1999 - March 2001      Post-doctoral fellow, ICRF, London, UK

Sept - Dec 1998      Research Associate, Department of Genetics, University of Cambridge, UK, Wellcome/CRC Institute

## Professional contributions

- Founding Fellow of the International Science Council
- Member of the US NAS Strategic Council for Excellence, Integrity and Trust in Research
- Member of the Scientific Advisory Board for the Blavatnik Awards for Young Scientists
- Member of Advisory Board of the Centre for Personalized Medicine, University of Oxford, UK
- Member of the GESDA Board of Directors
- Co-founder of the Nature Awards for Inspiring Women in Science
- Chair of the judging panel on Nature Awards for Inspiring Women in Science, Nature Awards for Mentoring in Science, Sony Award for Women in Technology with Nature, Nature Awards for Inclusive Health Research and Nature Awards for Standing up for Science