ACADEMIA EUROPAEA

WROCLAW HUB

Annual Report 2025

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WROCŁAW HUB

INTRODUCTION

We are delighted to present the Annual Report of the Academia Europaea Wrocław Hub's activities and achievements, reflecting a year marked by strong international engagement, strategic collaboration, and a clear commitment to academic excellence. Over the past year, the Hub consolidated its position as a dynamic platform for high-level scientific dialogue, interdisciplinary exchange, and institutional development within the Academia Europaea network.

Throughout the year, the Wrocław Hub delivered a portfolio of significant initiatives that strengthened its visibility and impact across Europe and beyond. A major highlight was the Nobel Laureate Lecture organised by the Hub, featuring Professor Anne L'Huillier, recipient of the 2023 Nobel Prize in Physics. This exceptional event brought global scientific prestige to Wrocław and reaffirmed the Hub's role as a meeting point for excellence and frontier research.

The Interdisciplinary Scientific Seminars reached new heights this past year following Academia Europaea's involvement. These seminars attracted broad and engaged audiences, significantly enhancing the visibility of Academia Europaea while fostering meaningful cross-disciplinary dialogue within the academic community.

The Hub also demonstrated its commitment to addressing key societal challenges through the Panel on Women in Academia, co-organized in close cooperation with the Budapest Hub. This high-level international discussion on gender equity strengthened collaboration across Academia Europaea Hubs and contributed to ongoing debates on inclusion, equality, and structural change in academic careers.

Supporting the next generation of scholars remained a strategic priority. The Workshop "New Networks of Knowledge" offered early-career researchers a unique forum to critically examine interdisciplinarity and its growing importance for the future. The workshop emphasized deep engagement, reflection, and collaboration across disciplinary boundaries.

In parallel, the Wrocław Hub played an active role in Academia Europaea through its close cooperation with the Cardiff Hub on the development of the new Academia Europaea branding. This strategic achievement marked a next step in strengthening its image, coherence, and visibility across Europe and internationally.

Those achievements reflect a year of focused growth, strategic impact, and collaborative success. As part of the Academia Europaea network, the Wrocław Hub remains committed to advancing scholarly excellence, fostering interdisciplinary exchange, and contributing meaningfully to the European research landscape. This report captures not only what has been achieved, but also the strong foundations laid for continued progress in the years ahead.

Prof. Don Dingwell's Lecture on Lunar Geoengineering

Interdisciplinary Scientific Seminar featured by Prof. Don Dingwell's

March 17, 2025

On March 17, 2025, another edition of the Interdisciplinary Scientific Seminar (ISN) took place, featuring a distinguished guest – Prof. Don Dingwell, a world-renowned mineralogist and petrologist, as well as the Interim President of Academia Europaea.

In his lecture, titled "*From Experimental Geoscience to Lunar Geoengineering*", Prof. Dingwell guided the audience through a fascinating journey—from experimental geosciences that explore the inner workings of the Earth to the emerging challenges of engineering the surfaces of the Moon and Mars. He discussed cutting-edge research on the properties of molten silicates and their crucial role in space exploration. A key focus of his talk was the potential for utilizing lunar resources to generate oxygen, water, helium-3, and construction materials, all essential for future extraterrestrial settlements.

The event attracted a diverse audience, including students, PhD candidates, researchers, and science enthusiasts. Those unable to attend in person had the opportunity to follow the lecture via a live stream.

The recorded lecture is available on our YouTube channel, where you can also find other inspiring events.

Venue: Wroclaw University of Science and Technology, Wrocław, Building D-20

Prof. Eske Willerslev – What can we learn from ancient genomics?

Interdisciplinary Scientific Seminar featured by Prof. Eske Willerslev

April 9, 2025

On April 9, 2024, the Academia Europaea Wrocław Knowledge Hub had the distinct honour of hosting Professor Eske Willerslev, a leading figure in evolutionary genetics and a pioneer in the study of ancient DNA, for a public lecture titled "*What Can We Learn from Ancient Genomics?*" The event brought together scholars and students from across disciplines to engage with one of the foremost voices in evolutionary genetics. Professor Willerslev, Director of the Centre for Ancient Environmental Genomics at the University of Copenhagen and Professor at the University of Cambridge, shared insights drawn from decades of groundbreaking research into human and environmental history.

During the conversation, Professor Willerslev explained how advances in ancient DNA sequencing had transformed the understanding of human migrations, population interactions, and adaptations to past climate change. He demonstrated how genetic evidence had complemented and, in many cases, redefined archaeological interpretations, enabling researchers to reconstruct historical processes with unprecedented precision.

Beyond the technical aspects, the conversation addressed the broader implications of ancient DNA research, including ethical considerations and the relevance of past environmental disruptions for understanding present-day climate challenges. The event offered a compelling overview of how studying the genetic past continued to inform debates about human history, identity, and resilience.

Venue: Wroclaw University of Science and Technology, Wrocław, Building A-1

Neobaroque and/in the Contemporary World

May 8-9, 2025

On May 8–9, 2025, the Academia Europaea Wrocław Knowledge Hub and the University of Wrocław organized the International Conference "Neobaroque and/in the Contemporary World" in Wrocław, Poland, bringing together scholars from around the globe to discuss the continuing relevance of the neobaroque in contemporary cultural and theoretical discourse.

The conference explored how the concept of the neobaroque, with its roots in the complex and multifaceted Baroque tradition, had been reinterpreted across diverse disciplines including literature, art history, media and film studies, architecture, and cultural theory. Participants examined how neobaroque sensibilities intersected with pressing theoretical frameworks such as the Anthropocene, Affective Turn, Non-human Turn, and Forensic Turn, and how these intersections illuminated new ways of understanding history, aesthetics and politics.

Throughout the event, presenters and attendees engaged in interdisciplinary dialogue about the global manifestations of neobaroque forms, from political aesthetics and transmodal texts to cultural narratives that reflect contemporary social and environmental challenges. The conference aimed to highlight the neobaroque as a broad research paradigm and sensibility with enduring theoretical and practical significance in the study of cultural and artistic expression.

Keynote speakers included established international scholars who offered insights into how neobaroque thought and aesthetics had evolved in the twenty-first century and why these developments continued to resonate across academic fields. Selected papers from the conference were planned for publication in a peer-reviewed essay collection with a leading European academic publisher.

Keynote Speakers:
Prof. Marjan Colletti , The Bartlett School of Architecture, UCL London UK/Department of Experimental Architecture, University of Innsbruck, Austria.
Check website: marjancolletti.com
Prof. Pedro Aullón de Haro, Universidad de Alicante, Spain

Venue: Faculty of Languages, Literatures and Cultures, University of Wrocław, Poland.

Prof. Marek Kowalkiewicz – Engineering the Future: How AI is Transforming Our Reality

Interdisciplinary Scientific Seminar featured by Prof. Marek Kowalkiewicz

May 14, 2025

On May 14, 2025, Academia Europaea Wrocław Knowledge Hub, in collaboration with the Interdisciplinary Scientific Seminar at Wrocław University of Science and Technology, hosted a lecture by Professor Marek Kowalkiewicz of QUT Business School in Australia. Professor Kowalkiewicz delivered the talk titled *Engineering the Future: How AI is Transforming Our Reality* at the Congress Centre of the university, presenting to students, researchers and industry practitioners about the real-world impacts of artificial intelligence.

During the lecture, Professor Kowalkiewicz shared practical insights into how AI systems and advanced algorithms were reshaping engineering, technology, business and everyday life, drawing on his extensive experience from Silicon Valley, Microsoft Research Asia and SAP's machine learning lab.

A key focus of the presentation was the concept of "digital minions", referring to AI systems that evolved beyond their original programming to offer increasingly sophisticated support and solutions. Professor Kowalkiewicz also explained how seemingly minor applications of AI could trigger significant systemic changes – a phenomenon often tied to the butterfly effect – and highlighted strategies for distinguishing genuine AI capabilities from marketing hype.

The session concluded with a discussion on the responsible development and deployment of AI, emphasizing the role of engineers, scientists and business leaders in shaping technologies that augmented human potential rather than replaced it. The event underscored the importance of informed, ethical engagement with AI as part of broader digital transformation efforts

Venue: Wroclaw University of Science and Technology, Wrocław, Building D-20

Prof. Rafał Weron – "CrossFIT: Pushing Boundaries in Electricity Price Forecasting"

Interdisciplinary Scientific Seminar featured by Prof. Rafał Weron

June 9, 2025

On June 9, 2025, Academia Europaea Wrocław Knowledge Hub co-organized a lecture by Professor Rafał Weron at the Interdisciplinary Scientific Seminar held at the Wrocław University of Science and Technology's Conference Hall. Professor Weron, a globally recognized expert in energy market forecasting and Head of the Department of Operations Research and Business Intelligence, delivered a presentation titled CrossFIT: Pushing Boundaries in Electricity Price Forecasting to an audience of students, researchers and professionals.

In his talk, Professor Weron explained how electricity price forecasting combines economics, statistics, computer science and electrical engineering to predict wholesale market prices and discussed the latest advancements in the field, focusing on probabilistic forecasting, forecast averaging, and deep learning methods. He drew on over two decades of research and practice to illustrate how innovative approaches can improve prediction quality in increasingly complex electricity markets.

Professor Weron also emphasized the practical relevance of these methods for energy companies and market participants. As a member of the Academia Europaea and a leading voice in global forecasting research, he highlighted key developments such as Quantile Regression Averaging and interpretable neural network architectures that have advanced both academic understanding and real-world applications in energy price prediction.

The event was part of a broader seminar series aimed at fostering interdisciplinary engagement and knowledge exchange across academia and industry, reinforcing the importance of cutting-edge research in addressing contemporary challenges in energy markets.

Venue: Wroclaw University of Science and Technology, Wrocław, Building D-20

Bridging the Gap: Advancing Women's Careers in Academia and Beyond

June 12, 2025

On June 12, 2025, the Academia Europaea Wrocław Knowledge Hub hosted an online panel discussion titled Bridging the Gap: Advancing Women's Careers in Academia and Beyond. The event drew academics, researchers and equality advocates from across Europe to examine persistent gender disparities in scientific careers and to share strategies for supporting women's progress in academia.

The discussion focused on the structural, cultural and professional barriers that continue to affect women's academic careers, particularly those related to career advancement, research evaluation and the challenges faced by women who balance family responsibilities with professional expectations. Participants explored examples of successful initiatives and evidence-based practices aimed at fostering more inclusive academic environments.

Speakers included university professors and researchers from different European institutions who offered insights from policy and practice: Prof. Elżbieta Frąckowiak (MAE, Poznan University of Technology), Prof. Verena Winiwarter (MAE, Austrian Academy of Sciences), Prof. László Kollár (MAE, Secretary General of the Hungarian Academy of Sciences), Dr. Erika Bálint (Hungarian Association of Women in Science), Dr. Dorota Kołodziejczyk (MAE, University of Wrocław) and Dr. Katalin Solymosi (AE Budapest Hub, FYAE, Eötvös Loránd University).

The event was open to a broad audience of academics, students and professionals interested in advancing gender equality in science and research. It contributed to ongoing dialogues about how academia and related institutions can better support diverse talent and reduce professional gaps across gender lines.

Venue: Online

EUROSENSORS 2025 – 37th European Conference on Solid-State Transducers, Wroclaw Poland

September 7-12, 2025

From September 7 to 10, 2025, the Academia Europaea Wrocław Knowledge Hub supported the 37th European Conference on Solid-State Transducers (EUROSENSORS 2025), a premier international forum hosted at Wrocław University of Science and Technology. The conference was part of the long-standing Eurosensors series, which had established itself as a leading European venue for research on sensors, actuators, microsystems and nanosystems.

The event attracted hundreds of participants from Europe and beyond, including scientists, engineers and industry experts, who presented and discussed the latest scientific results and technological innovations in solid-state sensors, actuators, micro- and nanosystems, quantum sensing and related applications. Contributions spanned fundamental theory, materials and device design, fabrication processes and emerging technologies.

The scientific programme featured plenary and keynote lectures by internationally recognized leaders, oral and poster sessions, and an educational Eurosensors School aimed at early-career researchers. The conference fostered interdisciplinary exchange and collaboration across academia, research institutions and industry, promoting knowledge sharing in both established and frontier topics within sensor science and engineering.

A highlight of the conference was the Academia Europaea Plenary Lecture delivered by Professor Anne L'Huillier, Nobel Laureate in Physics (2023), who presented on ultrafast light pulses and electron dynamics, illustrating cutting-edge experimental techniques with broad implications for advanced measurement science.

EUROSENSORS 2025 reinforced Wrocław's role as an international hub for high-impact research and provided a platform for building lasting scientific networks and future collaborative initiatives in sensor and system technologies.

Venue: Wroclaw University of Science and Technology, Wrocław, Building D-20

Unveiling the Unseen: Nobel Laureate Anne L'Huillier to Illuminate Eurosensors XXXVII

On-site seminar featured by Prof. Anne L'Huillier

September 9, 2025

EUROSENSORS XXXVII, the premier European forum dedicated to advancing sensor science and technology, was honored to host a truly exceptional highlight of its scientific program: an Open Lecture delivered by Professor Anne L'Huillier, the 2023 Nobel Laureate in Physics and a distinguished member of Academia Europaea. Her presence marked an extraordinary opportunity to engage with a scientist whose work has pushed the boundaries of human knowledge.

Professor L'Huillier, a celebrated French and Swedish physicist affiliated with Lund University, delivered her lecture titled *Attosecond Pulses of Light for the Study of Electron Dynamics in Atoms*. The lecture offered participants an in depth exploration of the frontiers of ultrafast phenomena and the experimental techniques that have fundamentally reshaped our understanding of electron dynamics within matter.

Her recognition with the 2023 Nobel Prize in Physics, shared with Pierre Agostini and Ferenc Krausz, underscored the monumental impact of her contributions. The award honored their experimental methods that generated attosecond pulses of light for the study of electron dynamics in matter.

Recognizing the transformative nature of Professor L'Huillier's research, which transcends individual scientific domains, the event was organized as an Open Lecture accessible to a broad academic audience. This initiative served as a contribution to the global scientific community and an investment in shared knowledge. Her insights resonated with researchers across diverse disciplines, from quantum sensing to materials science and related fields, offering a rare opportunity to engage directly with a Nobel Laureate whose work continues to redefine our understanding of the universe at its most microscopic scales.

EUROSENSORS XXXVII, held from September 7 to 10 in Wrocław, Poland, confirmed its status as a high impact international conference. With a scientific program designed to combine disciplinary depth with technological breadth, and a strong emphasis on emerging research areas such as quantum sensing and space instrumentation, the inclusion of Professor L'Huillier's lecture further elevated the conference and reinforced its significance within the global scientific community.

Venue: Wroclaw University of Science and Technology, Wrocław, Building D-20

Cosmic Multimessenger Signals and the German Centre for Astrophysics – Lecture by Prof. Dr. Günther Hasinger

On-site seminar featured by Prof. Dr. Günther Hasinger

October 23, 2025

On October 23, 2025, the Academia Europaea Wrocław Knowledge Hub hosted a public lecture by Professor Dr. Günther Hasinger, Director of the German Center for Astrophysics and an internationally recognized astrophysicist, at the Wrocław University of Science and Technology Congress Centre. The lecture, titled *Cosmic Multimessenger Signals and the German Center for Astrophysics*, attracted students, researchers and science enthusiasts interested in the latest developments in astronomy and astrophysics.

During his presentation, Professor Hasinger described how multimessenger astronomy, combining gravitational wave measurements with traditional electromagnetic observations and other cosmic messengers, had opened a new frontier in understanding the Universe. He explained how signals from gravitational waves, neutrinos, high-energy cosmic rays and stellar systems were now being used to probe extreme cosmic phenomena such as neutron stars, black holes and the dark sector of the cosmos, revealing previously inaccessible information about the structure and evolution of the Universe.

Professor Hasinger also outlined the vision for the German Center for Astrophysics, an emerging hub for integrated research that combined astrophysics, technology development and data science to address fundamental questions in contemporary astronomy. His talk highlighted the interdisciplinary nature of modern astrophysics research and underscored the importance of international collaboration in advancing our understanding of cosmic processes.

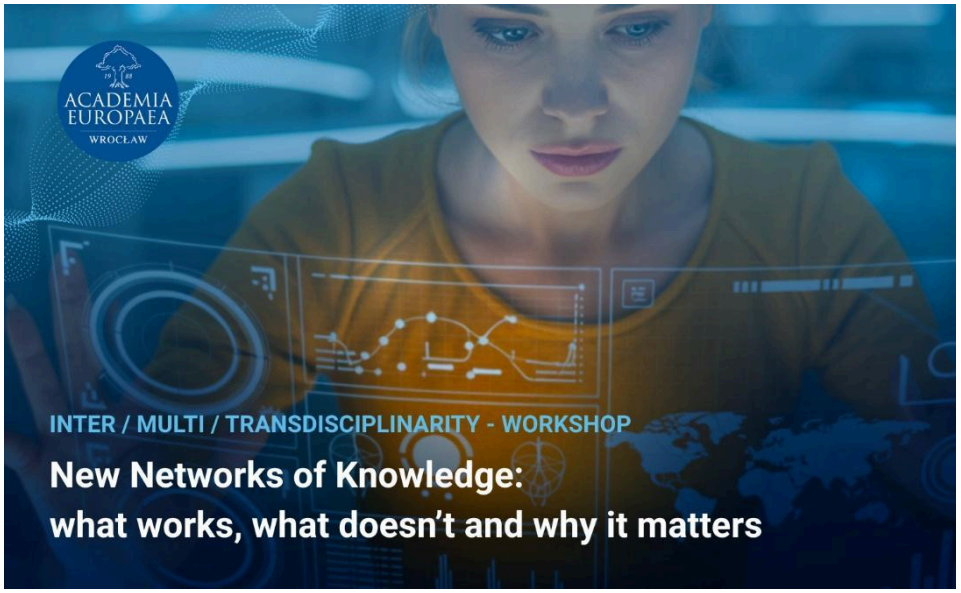
Venue: Wroclaw University of Science and Technology, Wrocław, Building D-20

New Networks of Knowledge: what works, what doesn't and why it matters

October 28, 2025

On October 28, 2025, the Academia Europaea Wrocław Knowledge Hub and Wrocław University of Science and Technology hosted an intensive workshop titled *New Networks of Knowledge: What Worked, What Didn't, and Why It Mattered* as part of the Art-Tech-Science Conference.
The hybrid event brought together early-career scholars and researchers to examine different aspects, dimensions of multidisciplinary, interdisciplinary and transdisciplinary collaboration in contemporary research and creative practice.

The workshop was led by Prof. Milena Fuchs and Steve Evans, who brought diverse expertise and long-standing engagement with interdisciplinary and transdisciplinary practices. Together, they guided participants through exercises, case studies, and critical debates, drawing on their combined experiences to illuminate both the possibilities and pitfalls of interdisciplinarity.



The workshop focused on how different forms of knowledge integration had performed in real-world contexts, enabling participants to critically assess what strategies facilitated effective collaboration and where obstacles or failures emerged. Attendees engaged in practical exercises, debates and case studies that highlighted both the potential and the limitations of working across disciplinary boundaries, with the aim of strengthening skills for hybrid and experimental projects.

Conducted in English and open to Master's students, PhD candidates and postdoctoral researchers, the programme emphasized inclusive dialogue and shared learning in an international environment. It provided a space for emerging researchers to reflect on challenges such as institutional resistance, differing methodologies and power dynamics within collaborative research networks.

By bringing together diverse perspectives and practical insights, the workshop contributed to ongoing efforts to build robust knowledge networks that can support innovative research and creative experimentation in an era of increasingly complex scientific and cultural problems.

Milena Fuchs is Professor Emerita at the University of Zagreb, a Fellow of the Croatian Academy of Arts and Sciences, and a member of Academia Europaea. Her academic expertise spans Cognitive Linguistics, Semantics, Pragmatics, and Cognitive Science. She previously served as Croatian Minister of Science and Technology and as Chair of the Standing Committee for the Humanities of the European Science Foundation, where she promoted multidisciplinary research and Digital Humanities.

At the European level, she has held several senior advisory roles, including membership in the European Commission's Joint Research Centre High-Level Peer Group and the High Level Group on Maximising the Impact of EU Research and Innovation Programmes. She currently serves on multiple European Science Advisory Boards and is a Member of the ERC Scientific Council and the Academia Europaea Board.

Steve Evans, MAE, FIET, FLSW, FIEMA, FRSA, CEng, is Director of Research in Industrial Sustainability at the University of Cambridge. After 12 years in industry, he moved to academia, pioneering sustainable business models, eco-efficiency, & Circular Economy research since 1995. His work focuses on delivering sustainable industrial systems at scale, collaborating with companies like Toyota, Chanel, and Airbus. He has founded cleantech start-ups, advised the UK House of Lords, & was elected to the Board of the Academia Europaea. Steve leads high-impact research collaborations such as COGENT, LIFEcar, THERM, & the UK National Centre for Innovative Manufacturing in Industrial Sustainability, while also holding early UK grants in Eco-Design, WEEE take-back, & product service systems.

Venue: Hybrid; Wroclaw University of Science and Technology, Wrocław, Building D-20

Prof. Lisa Feldman Barrett- “Three Lessons About the Brain”

Interdisciplinary Scientific Seminar featured by Prof. Lisa Feldman Barrett

October 29, 2025

On October 29, 2025, Professor Prof. Lisa Feldman Barrett delivered her lecture *Three Lessons About the Brain.*

The lecture explored how the brain’s primary role is to regulate the body efficiently, and how it does so by predicting rather than merely reacting. This predictive regulation, Prof. Barrett argues, underlies every action and experience, including emotions, which are not fixed, universal events but flexible, context-dependent constructions shaped to fit specific situations.

The Interdisciplinary Scientific Seminar is a series aimed at a wide audience – students, doctoral candidates, researchers, and anyone interested in expanding their knowledge. Wrocław University of Science and Technology regularly hosts experts from various fields who are eager to share the results of their research.

ISN attendees have had the opportunity to listen to, among others, the 2023 Nobel Prize laureate in physics – Prof. Ferenc Krausz, renowned architect and urban planner – Prof. Kees Christiaanse from ETH Zurich, world-famous cognitive science expert Prof. Peter Gärdenfors from Lund University, Prof. Szymon Malinowski – Chair of the Polish Academy of Sciences’ Climate Crisis Committee, as well as Finnish researcher Prof. Tomi Kauppinen from Aalto University, Dr. Karolina Ćwiek-Rogalska from the Institute of Slavic Studies of the Polish Academy of Sciences, the creator of the psychological theory of implementation intentions Prof. Peter Gollwitzer from New York University, and Prof. Stephen Evans – Director of Research in Sustainable Development at the University of Cambridge.

Venue: Wroclaw University of Science and Technology, Wrocław, Building A-1

Prof. Leszek Koczanowicz- “Community of Scholars – Community of Thought: The Institute for Advanced Study (IAS) in Princeton”

Interdisciplinary Scientific Seminar featured by Prof. Leszek Koczanowicz

November 19, 2025

On November 19, 2025, the lecture "*A Community of Scholars – A Community of Thought: The Institute for Advanced Study in Princeton*" was delivered by Prof. Leszek Koczanowicz, philosopher, cultural theorist, and political scientist, currently Professor at SWPS University.

The lecture explored the idea of interdisciplinarity and transdisciplinarity as essential dimensions of modern scholarship, reflecting on how the most innovative and meaningful discoveries often arise at the intersections of distinct fields. Drawing on a year spent at the Institute for Advanced Study (IAS) in Princeton during the 2024/25 academic year, Prof. Koczanowicz discussed how this unique institution, home over the decades to Albert Einstein, Kurt Gödel, J. Robert Oppenheimer, Erwin Panofsky, Hetty Goldman, John von Neumann, George Kennan, Hermann Weyl, Clifford Geertz, and many others, has embodied the ideal of a true community of scholars.

Founded in 1930, the IAS was envisioned as a place where researchers from diverse disciplines live and work together, fostering both formal and informal intellectual exchange that transcends disciplinary boundaries. As it approaches its centenary, the Institute remains a model for similar institutions around the world, though not yet in our own country.

Prof. Koczanowicz addressed how such a community of researchers functions in practice: What are its advantages, and what challenges emerge in sustaining it? These were the central questions that guided the lecture.

Prof. Koczanowicz is a Polish philosopher, cultural theorist, and political scientist, professor at SWPS University. His work explores culture, politics, and democracy. Author of numerous books in Polish and English, he has taught at universities in Poland, the U.S., and Finland. In 2024–25, he was a member of the Institute for Advanced Study in Princeton.

Venue: Wroclaw University of Science and Technology, Wrocław, Building D-20

Towards Development of Mediatization Research workshop: “Youth, Sports, and Media"

December 5, 2025

In December 2025, Academia Europaea Wrocław Knowledge Hub continued its support of international scholarly collaboration by partnering in the ninth edition of the workshop series Towards Development of Mediatization Research. The online workshop titled *Youth, Sports, and Media* took place on December 5, 2025, and was co-organized with the Department of Mediatization at Maria Curie-Skłodowska University in Lublin, the Wroclaw Academic Centre, and the Academia Europaea Wroclaw Hub, in cooperation with the ECREA Temporary Working Group Communication and Sport.

Renowned mediatization scholar Michael Skey (Loughborough University) led the session, continuing the tradition of expert-led, dialogue-focused workshops that had previously featured top international scholars such as Göran Bolin, Johan Fornäs, Andreas Hepp, Mark Deuze, and Carlos A. Scolari.

The workshop aimed to create a space for researchers exploring the evolving intersections between youth, media, and sport, with a strong emphasis on emerging technologies, changing consumption patterns, and questions of identity, community, and commercialization.

Topics of This Year’s Edition Included:

- Youth engagement with sports media and technologies
- E-sports and their influence on young audiences
- The mediatization of physical activity and recreation
- Authenticity, identity, and media representation in youth sports culture
- New sports formats tailored to young consumers
- Research methods and theoretical perspectives on sport and mediatization

The Wrocław Knowledge Hub’s participation in this event underscored Academia Europaea’s commitment to supporting high-quality scholarly exchange in emerging research areas. The Youth, Sports, and Media workshop was a timely contribution to the growing dialogue on how young people engaged with media and sport in a changing digital world.

Venue: University of Wrocław, Poland

Forecasting the Future: Academia Europaea Sponsors Energy Finance Workshop

December 11-12, 2025

Academia Europaea Wrocław Knowledge Hub provided sponsorship for the Energy Finance Christmas Workshop (EFC25), reaffirming its commitment to advancing interdisciplinary research and international scholarly collaboration in the field of energy finance (EFC25)

Over the years, the Energy Finance Christmas Workshop has developed into a recognized forum for academics, researchers, and industry experts examining the dynamic and rapidly evolving energy finance landscape. The workshop facilitated rigorous exchange on a broad spectrum of topics including:

- Forecasting of energy prices, demand, wind and solar generation
- Probabilistic forecasting and risk assessment
- Trading strategies and economic evaluation
- Pricing and hedging of commodity derivatives
- Integration of renewables and their influence on electricity markets
- Weather derivatives
- Real options analysis for energy investments
- Carbon pricing and emissions trading
- LNG and freight markets

EFC25 was hosted by Wrocław University of Science and Technology. The event continued the established tradition of maintaining an informal, research-oriented atmosphere conducive to open discussion, critical debate, and cross-disciplinary collaboration.

The origins of the Energy Finance Christmas Workshops trace back to 2011, when Rafał Weron—Professor and member of Academia Europaea—organized a seminar in Wrocław with Professors Stefan Trück and Sjur Westgaard. The strong engagement of participants, combined with the pre-holiday timing, inspired the establishment of an annual workshop series. Since then, EFC has evolved into a global initiative, with recent editions hosted in Sydney (2024), Kyoto (2023), and Dublin (2019), among other locations.

From its origins as an informal academic meeting, the workshop has grown into a vibrant, self-sustaining international community. The series has also generated a number of successful spin-off events and thematic minisymposia, further strengthening research networks and contributing to the development of knowledge in the fast-changing domain of energy finance.

Venue: Wroclaw University of Science and Technology, Wrocław, Building H-14

Academia Europaea Wroclaw Hub

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