

# Conference on AI technologies, regulation, inventorship and Patenting

## Draft Programme 2 May 2023

**Venue:**

Virtual conference

**Seminar reference:**

JC01-2023

**Organised by:**

European Patent Academy

European Patent Office  
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## Tuesday, 2 May 2023

<b>13.30 hrs</b>	Opening of the event, Razik Menidjel, Chief Operating Officer ICT and Chief Operating Officer a.i. M&M and HBC European Patent Office
<b>13.35 hrs</b>	Introduction to the panel on AI and innovation, Christian Platzer, EPO
<b>13.37 hrs</b>	Keynote: What is AI and how does it work, Alexander Klenner-Bajaja, EPO
<b>13.47 hrs</b>	How AI can enhance the human experience in healthcare, Tom Tassignon, Philips International B.V
<b>13.54 hrs</b>	AI and the future of mobility, Prof. Nikos Minas, global technology company Aptiv
<b>14.01 hrs</b>	Panel discussion, moderation: Christian Platzer, EPO
<b>14.15 hrs</b>	Break
<b>14.25 hrs</b>	Introduction to the panel on AI and regulation, Prof. Noam Shemtov, Queen Mary University of London
<b>14.27 hrs</b>	Promoting AI which is innovative and trustworthy through the OECD AI Principles, Karine Perset, Head of AI Unit and OECD.AI, OECD Digital Economy Policy Division – OECD
<b>14.34 hrs</b>	The draft EU AI Act and the risk-based approach to AI, Kilian Gross, DG CONNECT
<b>14.41 hrs</b>	AI, data protection and transparency, Mikolaj Rogowski, Privacy and Technology Counsel, Intel
<b>14.48 hrs</b>	Panel discussion
<b>15.05 hrs</b>	Break
<b>15.25 hrs</b>	Introduction of the panel on inventorship, Aliko Nichogiannopoulou, EPO
<b>15.27 hrs</b>	Overview of the international landscape concerning AI inventorship, Magdalena Kolasa, EPO
<b>15.40 hrs</b>	Panel discussion, EPO Legal Board of Appeal - Aurélie Jimenez

	UK - Prof. Duncan Matthews Germany – Prof. Martin Stierle USA - Prof. Dan L. Burk Australia - Dr. Mark Summerfield Moderation - Aliko Nichogiannopoulou, EPO
<b>16.05 hrs</b>	Break
<b>16.10 hrs</b>	Introduction of the panel on AI and patenting, Yasemin Türkeli, EPO
<b>16.12 hrs</b>	EPO Boards of Appeal case law on AI-related inventions, Martin Müller, EPO Boards of Appeal
<b>16.27 hrs</b>	Patenting AI-related inventions - a practitioner's perspective, Bastian Best, European patent attorney, BESTPATENT
<b>16.34 hrs</b>	Patenting AI-related inventions – a national office's perspective, Nigel Hanley, UKIPO
<b>16.41 hrs</b>	Panel discussion, Moderation, Yasemin Türkeli, EPO
<b>17.05 hrs</b>	Closing remarks, Heli Pihlajamaa, EPO
<b>17.10 hrs</b>	End of the conference



Razik Menidjel  
Chief Operating Officer  
Operations  
European Patent Office, The Hague

Razik Menidjel joined the European Patent Office as examiner in 1999. He was nominated Director in the Directorate General 1 Operations in 2013 and this experience was an opportunity for him to lead a team of patent examiners and formalities officers.

He then joined the Vice-President Office as Head of his Office in March 2015. In October 2018 he became Special Advisor of the President. In November 2019 he was nominated Chief Operating Officer for the sector Information and Communications Technology (ICT). Since January 2022 he is Chief Operating Officer for the whole Operations.

Razik holds a PhD in organic chemistry from the Georg-August Universität in Göttingen (Germany) and a Master's degree in physics and in chemistry from the Université Louis-Pasteur in Strasbourg (France).



Professor Noam Shemtov

A lecturer in Intellectual Property and technology Law  
He is a qualified solicitor both in the UK and in Israel.

Professor Noam Shemtov joined CCLS in September 2009 as a lecturer in Intellectual Property and technology Law. He is currently a Professor of Intellectual Property and Technology Law and Deputy Head of CCLS. He lectures in areas of intellectual property, creative industries and technology and his research interests are also focused in these fields.

Noam has led research projects and studies funded by UK Research Councils and by industry, national, supranational and commercial organizations, such as CreativeWorks London, CISAC, Microsoft, WIPO, European Patent Office, Foreign and Commonwealth Office (FCO), UK's Department for International Development (DFID) and the European Space Agency.

Noam also holds visiting appointments by Spanish and Dutch universities, where he lectures regularly in areas pertaining to intellectual property, creative industries and technology. He is a qualified solicitor both in the UK and in Israel.



Tom Tassignon

Head of IP Personal Health, European Patent Attorney  
Koninklijke Philips N.V.

Tom Tassignon studied in Ghent, Belgium and in Strasbourg, France where he obtained a Master's degree in electrical, electronics and communications engineering and a Master of Laws degree in international IP law and management. He is a qualified European Patent Attorney.

Before joining Philips in 2015, he worked at the Interuniversity Microelectronics Centre in Leuven, Belgium as a chip designer, European project officer and IP portfolio manager. At Philips, he is heading the Personal Health IP division and leading the IP activities concerning data and AI, company-wide.



Kilian Gross  
Head of Unit  
DG CONNECT

Kilian Gross is Head of Unit A/2 in DG CNECT responsible for Technologies and Systems for Digitizing Industry. His unit is responsible for the implementation and development of the Digitizing European Industry Strategy including the setting up of a network of Digital Innovation Hubs in the EU. The Unit manages a number of important research projects under H2020. It developed the Coordinated Plan on Artificial Intelligence and is currently preparing the proposal for a European Approach to Artificial Intelligence.



Dan L. Burk  
Chancellor's Professor  
School of Law  
University of California, Irvine

Dan L. Burk is Chancellor's Professor of Law at the University of California, Irvine, where he was a founding member of the law faculty. An internationally prominent authority on issues related to high technology, he lectures, teaches, and writes in the areas of patent, copyright, electronic commerce, and biotechnology law. He is the author of numerous papers on the legal and societal

impact of new technologies, including articles on Internet regulation, on the structure of the patent system, and on the implications of artificial intelligence. He is consistently ranked among the most highly cited intellectual property scholars in the American legal academy.

Professor Burk holds a B.S. in Microbiology (1985) from Brigham Young University, an M.S. in Molecular Biology and Biochemistry (1987) from Northwestern University, a J.D. (1990) from Arizona State University, and a J.S.M. (1994) from Stanford University. He has taught at leading institutions around the world, including Humboldt University, Sciences Po, and Bocconi University. In 2019 he was a Visiting Senior Fellow at the Weizenbaum Institute for the Networked Society in Berlin. He is the recipient of numerous awards and fellowships, including two Fulbright Fellowships: in 2011 to the Max Planck Institute for Innovation and Competition in Munich, Germany, and in 2017 to the Oxford Internet Institute in the United Kingdom.



Alexander Klenner-Bajaja  
Head of Data Science  
Data Science  
European Patent Office, The Hague

Alexander Klenner-Bajaja has a PhD in bioinformatics. He joined the EPO in 2014 as member of an IT team working on automated search. In 2019, he became the head of the newly created Data Science department. The data science team is creating solutions using artificial intelligence to solve challenges in the patent grant process such as automated classification of applications and automated prior art search.



Duncan Matthews,  
Professor Queen Mary University, London.

Duncan Matthews has acted as an advisor to the European Patent Office (EPO), the European Commission, the European Parliament, the UK Intellectual Property Office (IPO), the World Intellectual Property Organization (WIPO), the World Health Organization (WHO) and the Organization for Economic Cooperation and Development (OECD). He is the author of over 60

publications on intellectual property law including Globalising Intellectual Property Rights (2002), Intellectual Property, Human Rights and Development (2011), and is co-editor of the Research Handbook on Intellectual Property and the Life Sciences (2017) and the Research Handbook on European Patent Law (2023). He teaches European, U.S and international patent law to postgraduate law students and is an expert on the patent provisions of the WTO Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS). His research interests include: intellectual property responses to Covid-19, the relationship between competition law and patent law, and the role of patents in the governance of genome editing technologies.



**Bastian Best**  
European Patent Attorney  
BESTPATENT, Munich

Bastian Best is a European Patent Attorney who helps businesses make sense of digital patents. With his niche patent law firm BESTPATENT he and his team build patent portfolios for a global clientele of digital innovators. Bastian studied computer science at the Technical University Munich and works in IP since 2008. His special focus is on the foundational technologies of the digital future, including artificial intelligence and machine learning, big data, smart devices and the Internet of Things. He is a regular speaker on patents for emerging technologies at IP conferences around the world and shares his knowledge on LinkedIn and YouTube.



**Aliko Nichogiannopoulou**  
Director, Biotechnology  
European Patent Office, Munich

Aliko Nichogiannopoulou studied molecular biology in Germany and the US, where she obtained her PhD and conducted post-doctoral research. Before joining the EPO in 1998, she worked for several years as a researcher. At the EPO she leads the Biotechnology directorate in Munich. She has given a number of lectures on patenting biotechnological inventions and its commercial and ethical implications.



Nigel Hanley  
Head of Examining Group  
Intellectual Property Office, UK

Nigel has led an examining group for the last 7 years. Prior to that he spent 16 years as an Examiner working on computing subject matter. He recently led the team that developed the “Guidelines for Examining Inventions relating to AI” published by the IPO in September 2022.

As a senior examiner working on Computer Implemented Inventions (CII), Nigel previously led a small team involved in setting Examination Practice and training of examiners on CII. In that role, he was one of the IPO team who worked on the failed European Computer Implemented Directive and the UK Government’s amicus brief on the EPO Referral on Computer Software (G3/18). He has been a regular speaker at events in the United Kingdom presenting on the patentability of computer program and more recently on the patentability of AI.



Aurélie Jimenez  
Legal member of the Boards of Appeal  
European Patent Office

Aurélie Jimenez is a member of the French judiciary. She joined the EPO in 2018 as a legal member of the Boards of Appeal, after having served in different Courts in the Paris region, and ultimately as a IP specialized judge in the Tribunal Judiciaire de Paris. She holds a Research Master Degree in IP Law from the University Paris II Panthéon-Assas, as well as a Master Degree in Political Sciences from the Institute of Political Sciences of Paris.





Christian Platzer  
Director Operations  
European Patent Office, Munich

Christian Platzer graduated in electrical engineering and computer science at the Technical University in Vienna, Austria. After developing microcontroller designs for industrial applications he joined the European Patent Office in 1990 as examiner in the field of computer-implemented inventions and examined patent applications in the fields of processor architectures, memory management, medical informatics and business methods. In 2005, Mr Platzer was appointed to the post of director in the area of ICT.

He lectured at the ETH Zurich on patentability of computer implemented inventions at the EPO and is a frequent speaker on this topic at conferences and seminars around the world.



Heli Pihlajamaa  
EPO Principal Director  
Patent Law  
European Patent Office, Munich

Heli studied Law at Helsinki University and at Max Planck Institute in Munich and worked in both the private and public sectors before joining the EPO.

Heli first worked as a lawyer in the Patent Law directorate before becoming its director in 2011.

She is responsible for supporting the EPO policy by developing, strengthening and promoting the EPC, including proposals for legal changes, compliance of operations with patent law-related norms and case law and advises EPO higher management on policy issues and legal amendments.

In 2020 Heli was heavily involved in the changes implemented in the patent grant procedure and other implications of COVID-19 for the European patent system.



Assoc.-Prof. Dr. Martin Stierle  
University of Luxembourg

Martin Stierle is the Associate Professor in Intellectual Property Law at the Faculty of Law, Economics and Finance at the University of Luxembourg. Moreover, he is the founding Co-Director of the Center for Intellectual Property Law, Information and Technology (CIPLITEC) in Germany. His main field of academic interest is the intersection of law and technology. His current works include legal-economic projects on patents, with a focus on artificial intelligence, sustainability, and the life sciences industry.

Before joining the University of Luxembourg, Martin Stierle was working at the Ludwig Maximilian University (LMU) of Munich, the DFG Graduate School “Intellectual Property and the Public Domain”, and the University of California, Berkeley. In 2017, he received his doctorate from the LMU Munich with a thesis on non-practiced patents.



Dr Mark Summerfield is a registered Trans-Tasman Patent Attorney, specialising in patent law and practice in the fields of digital and computer systems, information and communications technologies, and computer software. Mark provides consultancy services on patents (including drafting and prosecution), IP strategy, and related matters in his specialist technology fields. He is also currently a PhD candidate at the Melbourne Law School where he is investigating applications of natural language processing technologies to the analysis of patent claims with application to patent law and policy. He worked for over a decade with one of Australia’s leading boutique IP firms advising individuals, companies and research institutions on management and protection of their intellectual assets. Since 2010 Mark has maintained a blog ([patentology.com.au](http://patentology.com.au)), where he writes regularly on local and international issues relating to innovation, patents, law, policy and the IP profession. He speaks regularly on topics related to patents, IP and digital technology, and lectures on Australian patent practice at the University of Melbourne.



Martin Müller  
Chairman  
Board of Appeal, 3.5.06  
European Patent Office, Munich

Martin Müller studied computer science (Informatik) at the University of Karlsruhe and received a Dr.-Ing. degree in computer science from Saarland University. His scientific interests included logics, computational linguistics, cognitive science and compiler technology. He joined the EPO as an examiner in 1998, where he worked mostly in the fields of pattern recognition and video games, and was appointed Member of the Boards of Appeal in 2010. In 2019 he became chairman of Technical Board of Appeal 3.5.06, one of the boards dealing with computing technology and artificial intelligence, and Member of the Enlarged Board of Appeal. Martin is an author and regular presenter on various patent-related issues.



Mikołaj Rogowski  
Privacy and Technology Counsel at Intel Corp  
Adjunct Professor at MIPLC/GW law

Mikołaj is a privacy and technology counsel with over a decade of experience gained in a variety of legal and creative environments. At Intel Corp. he leads privacy legal support for Mobileye (autonomous driving), Moovit (urban mobility app and mobility as a service) and HR. He regularly lectures on data protection and IP law and is an author of several publications, including a monography on the topic of socialistic brands. He is a certified data protection specialist (CIPP/E) and holds an LL.M in IP Law from MIPLC (Max Planck Institute, George Washington Univ. Law, TUM) where he lectures on data protection law and serves as an alumni advisory board member. Mikołaj studied law in Poland, Germany, China, Italy and Sweden.



Yasemin Türkeli  
EPO Examiner and Administrator  
Procedural Support  
European Patent Office, The Hague

Yasemin has been with the EPO since 2003 and worked as an examiner in bioinformatics, business methods and payment systems.

At the EPO, Yasemin works as administrator in Directorate Procedural Support, tasked with designing patent procedures, drafting work instructions and answering procedural questions. Yasemin passed the EQE in 2011 and is a member of a task force inside the EPO, for clarifying the legal practice and guidelines relating to Computer Implemented Inventions (CII).



Magdalena Kolasa

Lawyer

Patent Law & Processes | Post-grant Processes and Substantive Patent Law | Dir. 5.3.1.3

European Patent Office, Munich

Magdalena advises on oppositions and substantive patent law, with a focus on computer-implemented inventions and artificial intelligence.

Before joining the EPO in 2013 she has worked for several years in private practice and academia. She studied law in Lodz, Poland and in Munich, Germany, where she obtained her LL.M in intellectual property and Ph.D. in trade secrets law. She is an author of several publications on trade secrets.



Dr Nikos Minas  
Patent Counsel  
European Patent Attorney  
APTIV Technologies

Nikos is a European Patent Attorney specialising in the field of ICT with emphasis in the AI/ML technology space. He holds a PhD in Microelectronics from Newcastle University (UK) and has extensive experience in handling IP legal matters.

At Aptiv, he is responsible for protecting the Advanced Safety & User Experience (ASUX) activities with a focus on computer-implemented inventions and artificial intelligence. Nikos is the author of several peer review technical paper and actively involved in numerous pan-European activities promoting the strategic role of IP.



Head of AI Unit at OECD.AI  
OECD Digital Economy Policy Division OECD

Karine Perset heads the AI Unit of the OECD Division for Digital Economy Policy. She is in charge of the OECD.AI Policy Observatory and the OECD.AI Network of Experts (ONE AI). She focuses on opportunities and challenges that AI raises for public policy, on policies to help implement the OECD AI Principles and on trends in AI development. She was previously Advisor to ICANN's Governmental Advisory Committee and yet before the Counsellor of the OECD's STI Directors. Karine is Franco-American.