



FEDERATION DES BARREAUX D'EUROPE
EUROPEAN BARS FEDERATION
VERBAND EUROPÄISCHER RECHTSANWALTSKAMMERN
FEDERACION DE LOS COLEGIOS DE ABOGADOS DE EUROPA
FEDERAZIONE DEGLI ORDINI FORENSI D'EUROPA

NEW TECHNOLOGIES COMMISSION

Report on the activity of the Commission

(for the period between 15 November 2022 to 31 May 2023)

List of Members of the Commission *(in alphabetical order)*

Member	Bar Association	Function
Mario Arabistanov	Sofia (Bulgaria)	Member
Gabriela Bar	Wrocław (Poland)	Member
Maria Dymitruk	Wrocław (Poland)	President
Ludmila Glembotzky	Bilbao (Spain)	Secretary
Christian Klostermann	Sachsen (Germany)	Member
Paulina Kolowca	Warszawa (Poland)	Member
Izabela Konopacka	Wrocław (Poland)	Former President
Christoph Munz	Dresden (Germany)	Member
Grzegorz Policht	Wrocław (Poland)	Member
Agnieszka Poteralska	Wrocław (Poland)	Member
Michał Skrzywanek	Wrocław (Poland)	Member
Francesco Spina	Lucca (Italy)	Member
Sławomir Szczerba	Wrocław (Poland)	Member
Francesco Tregnaghi	Verona (Italy)	Vice-President
Małgorzata Węgrzak	Gdańsk (Poland)	Member

Report on the activity of the FBE New Technologies Commission (for the period between 15 November 2022 to 31 May 2023)

1. Hybrid meeting of the Commission in Palermo

During the FBE Congress in Palermo on November 17, 2022, the NT Commission organized a hybrid meeting, enabling all members of the Commission to participate. The meeting focused on the upcoming edition of the International Legal Tech Competition, primarily discussing and drafting the Terms and Conditions for the 2023 edition. Through fruitful discussions, the final Terms and Conditions were agreed upon, allowing the competition to be officially announced at the General Assembly on November 19, 2022. Additionally, the location for the final of the third edition of the competition was confirmed to be at Wrocław's Bar Association in Poland on June 23, 2023.

Photos from a hybrid meeting of the Commission:



2. Third edition of the International LegalTech Competition: Algorithms, Ethics and Law

Following the official announcement of the third edition of ILTC, an active promotion period for the competition commenced. Details about the competition, including the Terms and Conditions of participation and the application form, were published on the FBE website and the Wrocław Bar Association of Attorneys-At-Law. Subsequently, this information was shared through various social media channels. Additionally, emails containing information about the competition were sent to each FBE Member Bar. It is worth noting that the event was held under the patronage of the European Commission.

The topic for ILTC 2023 has been selected as "Algorithms, Ethics, and Law." As the New Technologies Commission recognizes the growing significance of new technologies and artificial intelligence in our democratic societies and their potential to enhance the quality and efficiency of justice, the objective of the competition is to raise awareness and foster innovative thinking among legal professionals regarding the integration of modern technologies in legal services and exploring novel areas at the intersection of law and artificial intelligence.

The first stage of the competition involved the submission of presentations that considered not only the theoretical possibilities of utilizing new technologies in legal services (such as theories on the legal implications of AI) but also the practical consequences of such phenomena for society and potential technical implementations in this field.

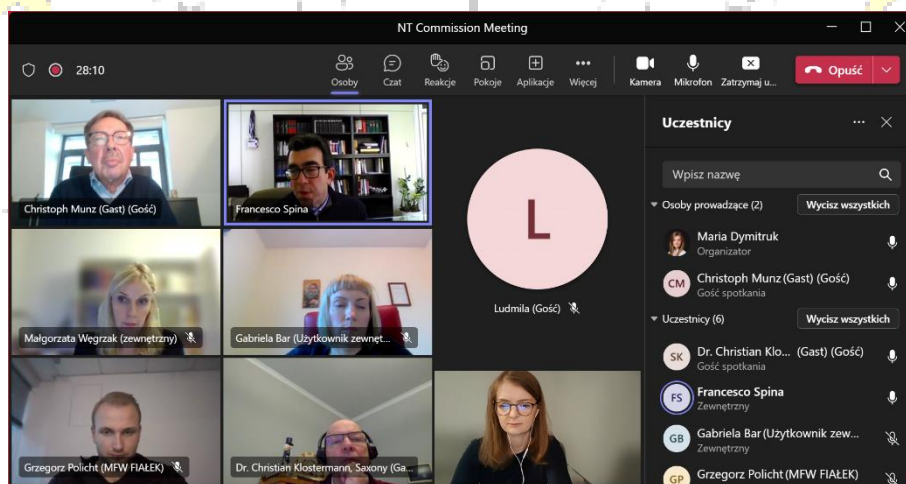
The deadline for project submissions was April 30, 2023. All submissions were evaluated by members of the New Technologies Commission (please refer to the section 4 for further details). The finalists will have the opportunity to present their projects during the live final of the competition in Wrocław on June 23, 2023.

3. Online meeting of the Commission on 5/4/2023 concerning the impact of large language models on legal practice

On April 5, 2023, the NT Commission organized an online meeting to discuss the potential impact of large language models and generative AI on the work of European lawyers. The topic was introduced by the President of the Commission in response to significant media coverage of ChatGPT, which had been tested by several members. Gabriela Bar, a Commission member, delivered a presentation on generative artificial intelligence, covering legal challenges, including copyright, data protection, and intellectual property laws. The importance of intellectual property rights and potential issues related to personal data protection, privacy, bias, and discrimination were emphasized.

The presentation was followed by a productive discussion among Commission members, addressing thought-provoking questions and concerns regarding AI tools. This meeting marks the first step towards the next activity of the NT Commission, i.e. developing a recommendation for lawyers affiliated with FBE member bars on the responsible use of large language models.

The full minutes of the meeting together with Gabriela Bar's presentation can be found at <https://www.fbe.org/wp-content/uploads/2023/05/2023-04-05-Minutes-of-the-NT-Commission-Meeting.pdf>.



MODELS OF GEN AI - ANN

- GAN (Generative Adversarial Network)
- Diffusion models
- Seq2Seq
- Long short-term memory – LSTM
- Variational autoencoder (VAE)

The diffusion model is already being used to reconstruct high-resolution images of human brain activity.

This allows visual images to be created directly from the human imagination without the need for external visual input.

• <https://news.berkeley.edu/2011/09/22/brain-movies/>



LAWSUITS

Lawsuits against GitHub Copilot, Stability AI, DeviantArt and Midjourney - based on allegations of copyrights infringement by:

- Multiplication of works - primarily at the stage of downloading them in order to train the AI,
- Creating and distributing "derivatives"(!),
- Indirect copyright infringement - providing a tool through which others can create forgeries/plagiarisms of other people's works,
- Removal or "circumvention" of rights management information (copyright notices, titles, names of authors and copyright holders (called CMI).

4. Evaluation of the ILTC 2023 submissions

On May 12, 2023, a special online meeting of the New Technologies Commission was held to evaluate the projects submitted for the first stage of the International LegalTech Competition 2023. As a result of the evaluation process, the following projects were selected as finalists:

- Abdullah Berat Balci, Istanbul Bar Association (Turkey)
- Angel Peña Perez, Ilustre Colegio de la Abogacía de Bizkaia (Spain)
- Beatriz Juarrero Olaizola, Ilustre Colegio de la Abogacía de Bizkaia (Spain)
- Cem Şanap, Istanbul Bar Association (Turkey)
- Maciej Białas, Aleksandra Kraśnicka, Anna Augustyn, Wrocław Bar Association of Attorneys-At-Law (Poland)
- Moreno Ferrarese, Ordine Avvocati Di Verona (Italy)
- Tomasz Palak, Michał Olszewski, Łukasz Matyja, Gdańsk Bar Association of Attorneys-At-Law (Poland)

These individuals or teams have successfully advanced to the 2nd stage of the competition. The Commission members expressed their satisfaction with the high professional standard of the presentations and the contestants' knowledge and dedication. The selected submissions will be presented during the final, which will be held as an onsite event on June 23, 2023, at the Wrocław Bar Association of Attorneys-At-Law in Poland. According to the competition's Terms and Conditions, the finalists will deliver an oral presentation to the jury, not exceeding 15 minutes, based on the same PDF file submitted in the first stage. The jury may pose questions related to the presentations.

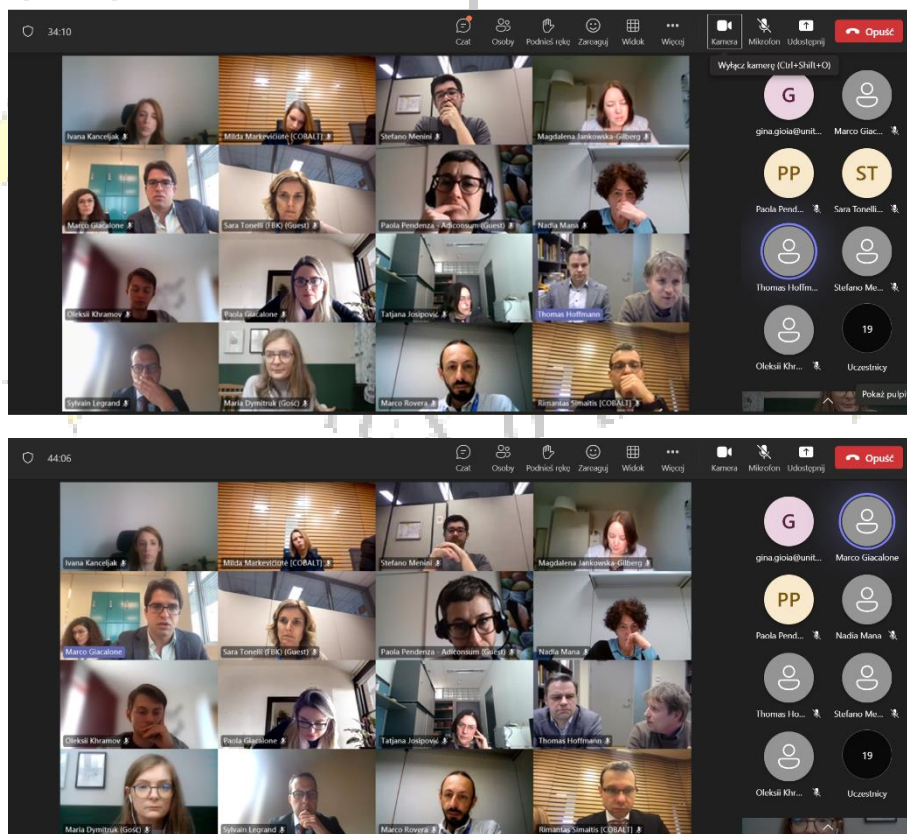
The results of the first stage of ILTC 2023 were announced and published on the websites of FBE (<https://www.fbe.org/results-of-the-1st-stage-of-the-international-legal-tech-competition-algorithms-ethics-and-law/>) and Wrocław Bar Association of Attorneys-At-Law (<https://oirp.wroclaw.pl/wyniki-pierwszego-etapu-international-legaltech-competition-2023>), in addition to being communicated via email to the competition participants and their respective Bar Associations.

We eagerly anticipate the final of the competition, as it presents an excellent opportunity to hear the perspectives of European lawyers on leveraging AI tools for the benefit of their clients, as well as discussing the necessary regulations to ensure AI aligns with European values.

5. Participation in scientific projects

The FBE New Technologies Commission is participating in two international scientific projects funded by the European Commission as part of the Justice Program (JUST): CREA II on AI (“Conflict Resolution with Equitative Algorithms 2”) and SCAN II on the digitalization of the European Small Claims Procedure (“Small Claims Analysis Net 2”). The President of the Commission has actively contributed to the activities of both projects.

On March 8, 2023, an online mid-term coordination meeting of the SCAN II project took place, where the NT Commission President represented FBE as a project partner. During the meeting, the project coordinator, Marco Giacalone, provided a general update on the main activities carried out in the first year of the project and expressed appreciation to the project partners for their active participation and valuable contributions. The meeting involved presenting the research results achieved so far, including Roadmap for EU Enforcement Rules on ESCP Judgments and Comparative and Analytical Study of Best Practices for the National Enforcement Rules of the ESCP Judgments in Member States with a contribution from the Commission President, and planning future project activities, such as the involvement of FBE in tasks like distributing questionnaires.



Maria Dymitruk

President of the New Technologies Commission