

Voice For Health

Advancing vocal biomarkers through collaboration, innovation and standardisation. eVoiceNet is creating the foundations for trustworthy, reproducible and clinically meaningful voice-based health technologies.

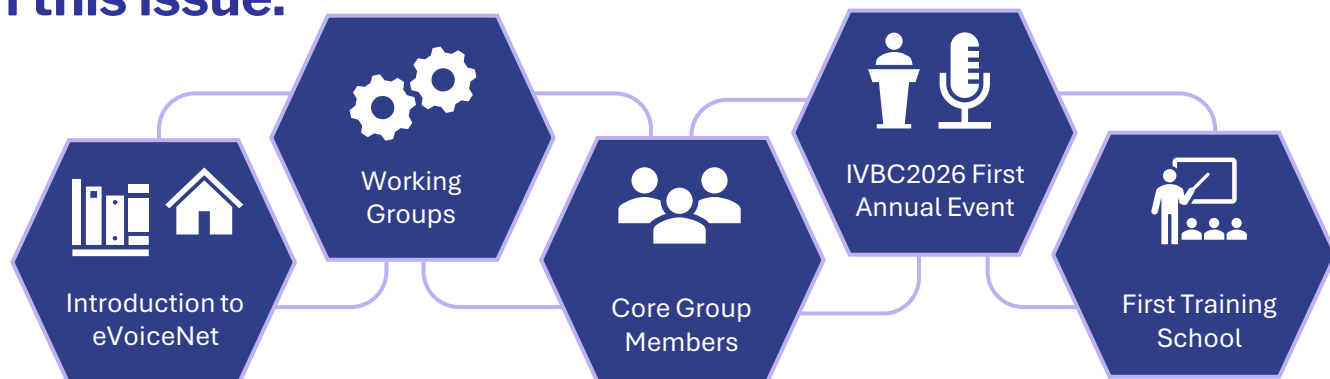


235
Members



From **43**
Countries

In this issue:



Get involved

eVoiceNet is more than a network, it's a community shaping the future of voice research

Scan this QR code to join us



eVoiceNet COST Action

Artificial intelligence and advances in speech and audio signal processing are opening new possibilities for using the human voice as a source of health information. While research on vocal biomarkers is expanding rapidly, the field still faces important challenges related to reproducibility, standardisation, clinical validation, and the responsible use of sensitive data.

eVoiceNet is a COST Action established to address these challenges by building a strong, collaborative European network dedicated to advancing vocal biomarkers for healthcare. Bringing together clinicians, AI researchers, speech scientists, engineers, data protection specialists, industry partners, patient organisations, policymakers, and regulators, eVoiceNet provides the multidisciplinary environment needed to transform promising research into safe, reliable, and clinically meaningful healthcare solutions.

The network promotes collaboration across disciplines and countries, supports the development of common standards and best practices, encourages the sharing of knowledge and open resources, and contributes to the creation of trustworthy, privacy-aware AI technologies.

Through its Working Groups, conferences, Training Schools, Short-Term Scientific Missions, and dissemination activities, eVoiceNet also invests in the next generation of researchers while strengthening links between academia, healthcare, industry, and society.

By fostering collaboration, innovation, and scientific excellence, eVoiceNet is laying the foundations for the future of vocal biomarkers and helping establish Europe as a global leader in voice-based digital health technologies.

**FROM FRAGMENTED
EFFORTS...**

**...TO COORDINATED
IMPACT**



OUR 5 WORKING GROUPS

Driving research and collaboration across the vocal biomarkers ecosystem

WG1

DATA AND METHODOLOGY



Standardisation to develop and validate vocal biomarkers.

- Voice acquisition & features
- Data analytics
- Model training
- Robust and reproducible validation studies

WG2

REPOSITORY OF OPEN DATA AND SOFTWARE RESOURCES



Open-source data and software resources for vocal biomarkers research.

- Dictionary of relevant resources
- Crowdsourced & up-to-date
- Access to high-quality resources

WG3

ETHICAL, DATA PROTECTION & PRIVACY ISSUES



Guidelines and solutions for ethical and secure vocal biomarker research.

- Data protection & ownership
- Data sharing
- Federated learning
- Compliance, transparency and trust

WG4

TRANSLATIONAL RESEARCH & GO TO MARKET STRATEGIES



Bridging research and real-world impact.

- Go-to-market strategies
- Vocal biomarkers validation
- EMA procedures
- Technology readiness & adoption

WG5

DISSEMINATION



Website



Social media



Publications



Press



Stakeholder engagement

Spreading knowledge, engaging communities and maximizing impact.

Connecting voices | Advancing science | Improving healthcare.



MEET THE CORE GROUP

The Core Group drives eVoiceNet forward. With complementary expertise and a shared vision, they coordinate our work, support collaboration and ensure the success of eVoiceNet



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FAGHERAZZI**

Action Chair

*Luxembourg
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**Dr. Sybille
BARVAUX**

Science
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*Luxembourg
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WORKING GROUP LEADERS

WG1



**Dr. Nicholas
CUMMINS**

*King's College
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Driving
standardisation and
robust validation of
vocal biomarkers

WG2



**Dr. Paula A.
PEREZ-TORO**

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Building and curating
open resources to
enable reproducible
vocal biomarker
research

WG3



**Dr. Sneha
DAS**

*Technical University
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Promoting ethical
research, data
protection and trust
in vocal biomarker
research

WG4



**Dr. Jiri
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Bridging research
and real-world
impact through
validation, regulation
and adoption
strategies

WG5



**Dr. Sybille
BARVAUX**

*Luxembourg
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Amplifying our impact
through
communication,
community
engagement and
strategic
dissemination



CA24128 – European Network for Vocal Biomarkers in Healthcare

INTERNATIONAL VOCAL BIOMARKERS CONFERENCE

29-30 June, Luxembourg

**130**
Participants**From 35**
Countries**73 Abstracts**
Reviewed

The inaugural International Vocal Biomarkers Conference (IVBC 2026), held in Luxembourg on 29-30 June 2026, marked an important milestone for the vocal biomarkers community. As the first conference entirely dedicated to this emerging field, it brought together 130 participants from 35 countries, creating a unique forum for scientific exchange and international collaboration.

Over two days, researchers, clinicians, engineers, AI specialists, industry representatives, healthcare professionals, and policymakers came together to discuss the latest advances in vocal biomarkers and their potential to transform healthcare. The scientific programme covered a broad range of topics, including artificial intelligence and speech processing, clinical validation, ethics and data governance, digital phenotyping, and the translational research needed to bring vocal biomarkers closer to clinical practice.

The conference also served as the first Annual Meeting of eVoiceNet, offering members from across Europe the opportunity to meet in person for the first time, strengthen existing collaborations, and discuss the progress achieved within each Working Group. These face-to-face exchanges were instrumental in aligning future activities, sharing expertise, and identifying new opportunities for collaborative research. The accompanying Training School further supported early-career researchers by combining hands-on learning with networking opportunities across disciplines.

One of the highlights of the programme was the WG4 Round Table, *The Vocal Biomarkers Path to the European Market: Navigating Challenges, Obstacles, and Opportunities*. Bringing together experts from academia, healthcare, industry, startups, and regulatory organisations.



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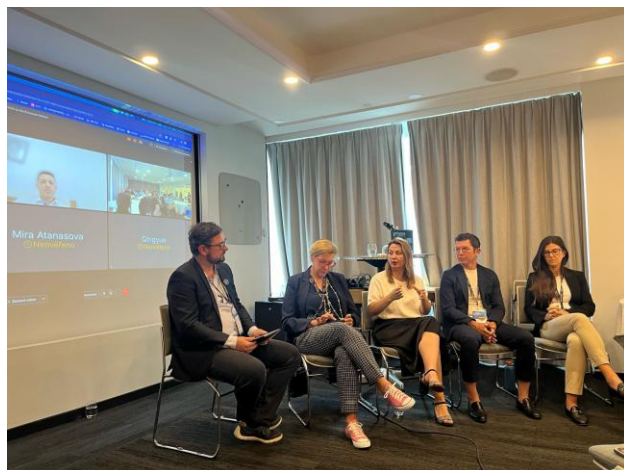
The discussion explored one of the key questions facing the field: how can vocal biomarkers successfully make the journey from the laboratory to clinical practice? Participants exchanged practical insights on clinical validation, regulatory pathways, reimbursement, and market adoption, emphasising that scientific excellence alone is not enough; successful implementation requires collaboration across the entire innovation ecosystem.

A total of 73 scientific abstracts were reviewed by the Scientific Committee, resulting in a rich programme of oral presentations, pitch sessions, keynote lectures, and poster discussions. The conference also recognised outstanding scientific contributions with three awards: Best Oral Presentation: Loes van Bommel; Best Pitch Presentation: Martijn Logtenberg; Best Young Researcher and Innovator (YRI) Presentation: Abir Elbeji.

eVoiceNet would also like to thank its keynote speakers: Dr. Nicholas Cummins, Dr. Paula Andrea Pérez-Toro, and Dr. Jiri Mekyska, for their inspiring presentations and valuable contributions to the scientific discussions throughout the conference.



Dr. Nicholas Cummins, eVoiceNet WG1 Leader, presenting the opening keynote, «The Vocal Biomarker Gap: Promise, Evidence and What's Missing», highlighting the current state of evidence and remaining challenges for vocal biomarkers.



Experts from academia, industry and healthcare took part in the roundtable «The Vocal Biomarkers Path to the European Market: Navigating Challenges, Obstacles and Opportunities». Pictured from left to right: Jan Mucha (Moderator), Mireille Müller (DEEP Measures), Julia Hoxha (Zana Technologies), Sami Simons (Maastricht UMC+), and Amanda Prachali (NOUS+). Ventsislav Dobrev (Roche) joined the panel remotely.

Beyond the scientific programme, IVBC 2026 demonstrated the importance of building a strong, open, and multidisciplinary community. Throughout the event, participants repeatedly highlighted that advancing vocal biomarkers requires expertise from medicine, engineering, speech sciences, artificial intelligence, statistics, ethics, and data governance. By bringing these disciplines together, the conference fostered new collaborations and reinforced a shared commitment to developing robust, transparent, and clinically validated vocal biomarkers.

IVBC 2026 was not simply the conclusion of two successful days of scientific exchange; it marked the beginning of new partnerships, new research initiatives, and a stronger international community. As eVoiceNet continues to grow, preparations are already underway for the creation of the International Society for Vocal Biomarkers, providing a lasting home for researchers and stakeholders working together to shape the future of vocal biomarkers in healthcare.



CA24128 – European Network for Vocal Biomarkers in Healthcare

THE FIRST EVOICENET TRAINING SCHOOL

1 July, Luxembourg

Following the success of the inaugural International Vocal Biomarkers Conference, eVoiceNet welcomed students and early-career researchers from across Europe to the **Training School 2026**, hosted at the **Luxembourg Institute of Health**.

Designed to provide both theoretical knowledge and practical experience, the Training School offered participants a comprehensive introduction to the rapidly evolving field of vocal biomarkers. Throughout an intensive day of lectures, internationally recognised experts explored the foundations of voice production, signal processing and feature extraction, artificial intelligence and machine learning, clinical applications, and the role of vocal biomarkers in precision healthcare.



Dr. Vladimir Despotovic, Team Leader at the Luxembourg Institute of Health, presenting «Voice as a Biomarker: From Hand-Crafted Features to Foundation Models» at the first eVoiceNet Training School.

Beyond the lectures, the programme placed a strong emphasis on interaction and collaboration. During the afternoon workshops, participants worked in multidisciplinary teams on a **Metanoia & Design Thinking Challenge**, where they developed innovative vocal biomarker concepts before pitching their ideas to a panel of mentors and experts.

More than a training event, the Training School provided a valuable opportunity for participants to connect with leading researchers, exchange ideas with peers from different disciplines and countries, and become part of the growing eVoiceNet community.

A sincere thank you goes to all lecturers, mentors, coaches, and participants whose enthusiasm and engagement made this edition such a success. By investing in the next generation of clinicians, engineers, and researchers, eVoiceNet continues to strengthen the foundations of a collaborative and multidisciplinary community that will shape the future of vocal biomarkers.



Following IVBC 2026, the first eVoiceNet Training School brought together trainees and expert lecturers for a day of interactive learning and networking.