Dr. Dmitry **Ryumin**

AI Expert

Head of LEYA Lab for Natural Language Processing, HSE University
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"Innovate today, or become obsolete tomorrow."

Summary

Dr. Dmitry Ryumin is a scientific researcher and AI expert, with a portfolio of publications in high-impact Q1 journals and top-tier A* conference proceedings. He is an active reviewer for leading international journals and conferences. His research interests cover a wide range of areas, including speech technology, audio-visual speech recognition, sign language recognition, pattern recognition, computational linguistics, affective computing, assistive technologies, interpreted data processing, intelligent video analysis, computer vision, automatic machine learning, and multimedia systems.

Education

ITMO University — *St. Petersburg, Russia*

PhD in Engineering — *Sep. 2016 - Dec. 2020*

- Thesis: "Models and Methods for Automatic Recognition of Russian Sign Language Elements for Human-Machine Interaction", supervised by Prof. A. Karpov

Program Committees

2025	**Organizer & Program**, 27th International Conference on Speech and Computer (SPECOM)	*Szeged, Hungary*
2024	**Organizer & Program**, 26th International Conference on Speech and Computer (SPECOM)	*Belgrade, Serbia*
2023	**Organizer & Program**, 25th International Conference on Speech and Computer (SPECOM)	*Hubli-Dharwad, India*

Community Services

Reviewing for Elsevier journals

Expert Systems with Applications (SJR 24 - 1.854)	32
Engineering Applications of Artificial Intelligence (SJR 24 - 1.652)	28
Knowledge-Based Systems (SJR 24 - 1.934)	18
Heliyon (SJR 24 - 0.644)	14
Pattern Recognition (SJR 24 - 2.058)	13
Data in Brief (SJR 24 - 0.198)	13
Neurocomputing (SJR 24 - 1.471)	12
Image and Vision Computing (SJR 24 - 0.791)	11
Computers and Electrical Engineering (SJR 24 - 1.053)	11
Information Fusion (SJR 24 - 4.128)	8
Neural Networks (SJR 24 - 1.491)	6
Intelligent Systems with Applications (SJR 24 - 0.969)	6
International Journal of Cognitive Computing in Engineering (SJR 24 - 1.566)	5
Pattern Recognition Letters (SJR 24 - 1.005)	4
Computer Vision and Image Understanding (SJR 24 - 0.856)	4
Computer Speech and Language (SJR 24 - 0.778)	4
Applied Soft Computing (SJR 24 - 1.511)	4
Internet of Things (SJR 24 - 1.527)	3
SoftwareX (SJR 24 - 0.483)	2
Visual Informatics (SJR 24 - 0.593)	2
Speech Communication (SJR 24 - 0.493)	2
Natural Language Processing Journal	2
Measurement (SJR 24 - 1.244)	2
Computers in Biology and Medicine (SJR 24 - 1.447)	2

Reviewing for Elsevier journals

- Displays (SJR 24 - 0.665) 2
- Advances in Space Research (SJR 24 - 0.704) 2
- Results in Engineering (SJR 24 - 1.171) 1
- Aquacultural Engineering (SJR 24 - 0.836) 1
- World Development Sustainability (SJR 24 - 0.984) 1
- Information Processing and Management (SJR 24 - 2.062) 1
- Displays (SJR 24 - 0.665) 1

Reviewing for IEEE journals

- IEEE Transactions on Circuits and Systems for Video Technology (SJR 24 - 1.858) 6
- IEEE Access (SJR 24 - 0.849) 2
- IEEE Transactions on Human-Machine Systems (SJR 24 - 1.132) 1
- IEEE Transactions on Multimedia (SJR 24 - 1.521) 1

Conference Reviewing

- ICLR 2026
- EMNLP 2025
- INTERSPEECH 2024-25
- SPECOM 2023-25

Skills

Speech & Audio Processing	Audiovisual Speech Recognition, Emotional Speech Analysis, Affective Computing
Sign & Gesture Recognition	Sign Language Recognition, Gesture-based Interfaces, Assistive Technologies
Computer Vision & Video Analytics	Object Detection, Visual Command Recognition, Intelligent Video Analytics
Machine Learning & Deep Learning	Neural Networks, Transformer-based Models, Automatic Machine Learning
Natural Language Processing	Computational Linguistics, Multimodal NLP, Interpreted Data Processing
Multimedia & Multimodal Systems	Multimodal Emotion Recognition, Multimodal Interfaces, Human-Robot Interaction
Applied AI Systems	Speech-Driven Exoskeletons, Driver Monitoring Systems, AI-based Medical Assistive Tools