



Dr. Dmitry Ryumin

AI EXPERT

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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

PhD in ENGINEERING

St. Petersburg, Russia

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)	
2024	Organizer & Program , 26th International Conference on Speech and Computer (SPECOM)	
2023	Organizer & Program , 25th International Conference on Speech and Computer (SPECOM)	

Szeged, Hungary

Belgrade, Serbia

Hubli-Dharwad, India

Community Services

Reviewing for Elsevier journals

• Expert Systems with Applications (SJR 24 - 1.854)	35
• Engineering Applications of Artificial Intelligence (SJR 24 - 1.652)	29
• Knowledge-Based Systems (SJR 24 - 1.934)	18
• Pattern Recognition (SJR 24 - 2.058)	15
• Heliyon (SJR 24 - 0.644)	14
• Data in Brief (SJR 24 - 0.198)	13
• Neurocomputing (SJR 24 - 1.471)	12
• Computers and Electrical Engineering (SJR 24 - 1.053)	12
• Image and Vision Computing (SJR 24 - 0.791)	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
• Applied Soft Computing (SJR 24 - 1.511)	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
• 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

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|--|---|
| • 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

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|---|---|
| • IEEE Transactions on Circuits and Systems for Video Technology (SJR 24 - 1.858) | 6 |
| • IEEE Access (SJR 24 - 0.849) | 3 |
| • IEEE Transactions on Human-Machine Systems (SJR 24 - 1.132) | 1 |
| • IEEE Transactions on Multimedia (SJR 24 - 1.521) | 1 |

Reviewing for Springer journals

- | | |
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| • Artificial Intelligence Review (SJR 24 - 3.01) | 3 |
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Reviewing for Nature journals

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| • Scientific Reports (SJR 24 - 0.874) | 3 |
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Conference Reviewing

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| • ICLR 2026 |
| • ACL 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