



# Dr. Dmitry Ryumin

AI EXPERT

Senior researcher of the Speech and Multimodal Interfaces Lab, SPC RAS

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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	<b>Organizer &amp; Program</b> , 27th International Conference on Speech and Computer (SPECOM)	
2024	<b>Organizer &amp; Program</b> , 26th International Conference on Speech and Computer (SPECOM)	
2023	<b>Organizer &amp; Program</b> , 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)	34
• Engineering Applications of Artificial Intelligence (SJR 24 - 1.652)	29
• Knowledge-Based Systems (SJR 24 - 1.934)	18
• Heliyon (SJR 24 - 0.644)	14
• Pattern Recognition (SJR 24 - 2.058)	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**

- |   |   |
|---|---|
| • 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**

- |  |   |
|--|---|
| • Artificial Intelligence Review (SJR 24 - 3.01) | 3 |
|--|---|

## **Reviewing for Nature journals**

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

- |                       |
|-----------------------|
| • ICLR 2026           |
| • ACL 2026            |
| • EMNLP 2025          |
| • INTERSPEECH 2024-25 |
| • SPECOM 2023-25      |

## **Skills**

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### **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