

# About the 24th International Research and Practical Conference Contemporary Musical Education – 2025: Creative Work, Research, Technology

Irina B. Gorbunova

**Abstract—24rd International Research and Practical Conference Contemporary Musical Education: Creative Work, Research and Technology 2025** were held in December 2025 in St. Petersburg (Russia). Like the previous conferences, it is destined for the researchers, scholars, professionals and students from the Universities all around the world to present ongoing research activities, and hence to foster research relations between Universities, Musical Academies, Conservatoires and musical schools, colleges, etc. The conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration. This Conference is being organized jointly by the Herzen State Pedagogical University of Russia and the St. Petersburg State Conservatoire named after N.A. Rimsky-Korsakov.

CME is a forum for researchers and practitioners in the area of music education, in primary and secondary schools, and vocational universities. It provides an opportunity for educators to reach the goals and objectives of this subject based on its curricula and various teaching/learning paradigms and topics, possible connections to everyday life, and various ways of establishing music education in schools. This conference also has a focus on teaching/learning materials, various forms of assessment, traditional and innovative educational research designs, the contribution of music to the preparation of individuals for the 21st century, motivating competitions, and projects and activities supporting music education in schools. Since the content of education and upbringing is an interdisciplinary problem, our conference welcomes the cooperation of teachers and psychologists, educational scientists and philosophers, consultants in the field of teaching methods, as well as other specialists involved in the process of education and upbringing at all levels of education.

**Keywords— Contemporary Musical Education, Creative Work, Music Computer Technologies.**

## I. INTRODUCTION

24rd International Research and Practical Conference Contemporary Musical Education: Creative Work, Research and Technology 2025 were held in December 2025 in St. Petersburg (Russia). Like the previous conferences, it is destined for the researchers, scholars, professionals and students from the Universities all around the world to present

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ongoing research activities, and hence to foster research relations between Universities, Musical Academies, Conservatoires and musical schools, colleges, etc. The conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration. This Conference is being organized jointly by the Herzen State Pedagogical University of Russia and the St. Petersburg State Conservatoire named after N.A. Rimsky-Korsakov.

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Our conference aims at creating an extensive platform for discussing the vital issues of updating the educational approaches and content to raise our youth. The significance of this topic and, on the other part, the element of dissatisfaction with the ways of addressing this issue were widely discussed at the conferences, reflected in the media, voiced by the statements of representatives of the expert community and various educational structures and pedagogical associations.

As at previous CME conferences, much attention in the articles is devoted to the training of music teachers and to the teaching of music at different levels of school education. At the same time, increasing attention to the primary level should be noted. A feature of CME is the interest of school education in contemporary ideas of music science, informatization of music education, the role of music in the development of artificial intelligence systems that were previously studied only at universities, the development of inclusive musical

education, the creation of an accessible educational environment for teaching people with disabilities, and others.

The conference included master classes, presentations, seminars, concerts of electronic and acoustic music, and the 12th Open All-Russian Forum Competition of Musical Creative Work *CLARINI of the 21st Century*.

The Jury of the Form Competition includes leading experts in the field of music education, well-known Russian and foreign music teachers, composers, performers, sound engineers, specialists in the field of art criticism and art historians.

We would like to thank all the authors who responded to the call for papers, the members of the Program Committee, the external reviewers, and the members of the Organizing Committee and general and organizing chairs of the Local Organizing Committees – Prof., Cand.Sci.(Arts) *Elena I. Falaleeva*, Dr.Sci.(Arts) *Imina G. Alieva* and *Olga L. Yasinskaya*.

## II. TOPICS OF THE PROBLEMS DISCUSSED AT THE CONFERENCE

### A. *Current problems of musical education in the integral system of art education (Actual problems of musical education in the system of holistic art education)*

- Trends and prospects of general and professional musical education.
- Adaptation of music education to the Bologna process.
- Interdisciplinary approach to the problems of musical creative work, performance and pedagogy.
- Culturological approach to the research of the problems of contemporary musical education.
- The place of audiovisual synthesis in contemporary musical culture and education.
- Art Pedagogics. Art Informatics
- Modern information technologies in music education and creative work.
- Information culture of a music teacher.
- Interactive online musical learning technologies

### B. *Problems of professional musical education*

- Traditional and innovative in the system of professional musical education.
- Tasks of updating training courses and implementing training programs.
- School-college-university: problems of teaching music-performing and music-theoretical disciplines.
- Dialogue of cultural traditions in the musical practice of the 20th – 21st centuries: creative work, performance, pedagogy.
- Interdisciplinary connections of academic disciplines.
- Solfeggio: yesterday, today, tomorrow.
- Music theory in contemporary musical practice.
- Musical acoustics, psychoacoustics, music therapy.
- Musician and computer.

### C. *The question of general musical education and upbringing*

- General musical education and upbringing in modern conditions.
- Innovative methods in the field of general musical education and upbringing.
- Perspectives of personality-oriented learning.
- Creative work and creativity as a teaching method.
- Child and computer.

### D. *Life-long musical education*

### E. *Inclusive musical education*

### F. *Interaction of music, sciences and humanities*

- Interdisciplinary methods of contemporary musicology.
- Philosophy and Sociology of music.
- A culturological approach to research in the field of music research.
- The anthropological paradigm in musicological research.
- Achievements and prospects of music therapy.
- Acoustic research in musicology.
- Mathematical methods of research in musicology.
- Modeling the process of musical creative work.
- Integrative model for the semantic space of music.
- Informational and structural approaches to the analysis of a musical composition.
- A synergetic approach to research in the field of music research.

### G. *Music computer technologies in creative work and education*

- MCT in professional musical education (as a means of expanding the creative abilities).
- MCT in general education (as one of the means of teaching).
- MCT as a means of rehabilitation of people with disabilities.
- MCT as a new direction in the training of humanitarian and technological specialists.
- MCT in the field of digital arts.
- Computer musical creative work.
- Computer music.
- Computer composition, arrangement and organology in contemporary musical practice.
- Sound-timbral programming.
- Acousmatics.
- Sound engineering, musical sound engineering, applied sound engineering.
- The role of sound engineering in the creation of synthetic works of art.
- Musical informatics.

### H. *Electronic musical instruments*

- Problems of musical creativity on electronic musical instruments.
- Formation and development of the school of performing

skills on electronic musical instruments.

- The role and place of electronic musical instruments in synthetic types and genres of art.

*I. Problem of implementing the standards in the field of general and professional musicaleducation at the 21st century school institutions*

### III. COMMITTEES CME 2025

#### A. Conference General Chairs

**Irina B. Gorbunova** – Chairman of the Organizing Committee of the annual International Research and Practical Conference *Contemporary Musical Education: Creative Work, Research and Technology*, Dr.Sci. (Pedagogy), Professor, Head of the Research and Methods Laboratory *Music Computer Technologies* at the Herzen State Pedagogical University of Russia, Honorary Worker of Higher Professional Education of the Russian Federation, Web of Science and Scopus expert, Elsevier Reviewer (St. Petersburg, Russia)

**Elena V. Titova** – Co-Chairman of the Organizing Committee of the annual International Research and Practical Conference *Contemporary Musical Education: Creative Work, Research and Technology*, Cand. Sci. (Arts), Professor, Head of the Department of Music Theory at the Saint Petersburg State Conservatory named after N. A. Rimsky-Korsakov, Honored Worker of the Higher School of the Russian Federation (St.Petersburg, Russia)

#### B. Steering Committee

**Gulnaz khanum Abdullazade** – Doct.Sci. (Arts), Professor, Vice-Rector for Research Work of the Baku Music Academy named after Uzeir Hajibeyli, Honored Art Worker of Azerbaijan (Baku, Republic of Azerbaijan)

**Irina V. Alekseeva** – Doct.Sci. (Arts), Professor, Head of the Department of Music Theory at the Ufa StateInstitute of Arts named after Zagir Ismagilov (Ufa, Republic of Bashkortostan, Russia)

**Imina H. Alieva** – Co-Chairman of the Organizing Committee of the Anniversary 20th International Research and Practical Conference *Contemporary Musical Education Creative Work, Research and Technology*, Cand.Sci. (Arts), Leading Researcher of the Laboratory *Studies of Azerbaijani Professional Music of Oral Tradition and Their New Directions: Organology and Acoustics* at the Baku Music Academy named after Uzeir Hajibeyli, Member of the Union of Composers of Azerbaijan (Baku, Republic of Azerbaijan)

**Irina V. Vorontsova** – Associate Professor of the Department of Music Theory at the Tchaikovsky Moscow State Conservatory, Honored Worker of Culture of the Russian Federation (Moscow, Russia)

**Shoyista Sh. Ganikhanova** – Doct.Sci. (Arts), Professor of the Department of Music History and Criticism at the State Conservatory of Uzbekistan, Member of the Union of Composers of Republic of Uzbekistan (Tashkent, Republic of Uzbekistan)

**Mila Gruvo** – PhD (Arts and Cultural Studies), Conservatory named after Alexander Scriabin (Paris, French Republic)

**Andrey V. Denisov** – Doc.Sci. (Arts), Professor of the Department of History of Foreign Music at the St. Petersburg Rimsky-Korsakov State Conservatory Professor of the Department of Theory and History of Culture at the Herzen State Pedagogical University of Russia, member of the Union of Composers of Russia and the International Musicological Society (St. Petersburg, Russia)

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### Program Committee

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#### Members of the Program Committee

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**Irina O. Tovpich** - Director of the State Budgetary Educational Institution Secondary School No. 8 *Music* with in-depth study of the subjects of the musical cycle in the Frunzensky district of St. Petersburg, the basic school of the Herzen State Pedagogical University of Russia (St. Petersburg, Russia)

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**Valentina P. Chudina** – Associate Professor, Head of the Department of Musical and Electronic Creative Activities of the Central Children’s School of Arts of Khimki, Honorary Worker of General Education of the Russian Federation, Honored Worker of Culture of the Moscow Region, conductor of orchestras of folk instruments, hHead of the Moscow Accordion Ensemble *Cascade*, head of advanced training courses for teachers of electronic musical instruments of the Moscow region, Laureate of the Russian Academy of Arts (Khimki, Moscow Region, Russia)

## Local Organizing Committee

### Organizing Committee Chair

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**Conference Executive Committee**

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**Imina G. Alieva** - Co-Chairman of the Organizing Committee of the Anniversary International Research and Practical Conference *Contemporary Musical Education: Creative Work, Science, Technology*, Cand.Sci. (Arts), leading researcher at the Laboratory *Studies of Azerbaijani Professional Music of Oral Tradition and Its New Directions: Organology and Acoustics* at the Baku Music Academy named after Uzeir Hajibeyli, Member of the Union of Composers of Azerbaijan (Baku, Republic of Azerbaijan)

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IV. ADDITIONAL REVIEWERS

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**Elena Yu. Glazyrina**– Doc. Sci. (Arts), Professor (Yekaterinburg, Russia)

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**Vladimir N. Hoptarev** – Cand. Sci. (Pedagogy), Associate Professor of the Department of Music Pedagogy and Psychology at the Kazan State Conservatory named after N. G. Zhiganov (Kazan, Republic of Tatarstan, Russia)

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Academic Gymnasium No. 56 of St. Petersburg (St. Petersburg, Russia)

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**Alina A. Kozlova** - Head of the Licensing, Accreditation and Statistics Department at the St. Petersburg University of Management Technologies and Economics, working under the scientific and methodological guidance of the Russian Academy of Sciences (St. Petersburg, Russia)

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**Inna Val. Monastyrskaya** – Director of the Municipal Autonomous Organization Central Children’s School of Arts of the Urban District of Khimki; the school is recognized as The Property of the Russian State and included in the National Register of Leading Cultural Institutions of Russia (Khimki, Moscow Region, Russia)

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**Tatiana A. Nezhinskaya** – Cand. Sci. (Pedagogy), Associate Professor of the Department of Music Computer Technologies of the Russian State Vocational Pedagogical University (Yekaterinburg, Russia)

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**Alexander I. Khodanovich** – Doct.Sci. (Pedagogy), Professor, Head of the Department of Audiovisual Systems and Technologies at the St. Petersburg State Institute of Cinema and Television, Full Member of the Russian Academy of Natural Sciences (St. Petersburg, Russia)

**Bami Seyed Mehdi Hosseini** – composer, Director of the Centre for Contemporary Academic Music *reMusik.org* (St. Petersburg, Russia / Tehran, Islamic Republic of Iran)

**Yunchuan He** – Advisor to the Rector of Guangzhou Xinhua University for International Cooperation (People’s Republic of China)

**Tatiana F. Shak** – Doct.Sci. (Arts), Professor, Head of the Department of Musicology, Composition and Methods of Music Education at the Krasnodar State Institute of Culture, Member of the Association of Film Education and Media Pedagogy of Russia, Member of the Guild of Musicologists of Russia, Member of the Union of Composers of the Russian Federation (Krasnodar, Russia)

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#### V. KEYNOTE AND PROMINENT SPEAKERS

**Firuz R. Abdurakhimova** – Professor, Artistic Director and Chief Conductor of the State Chamber Orchestra of Folk Instruments *Sogdiana* (Uzbekistan), Professor of the Department of Orchestral Conducting of the State Conservatory of Uzbekistan, Honored Art Worker of the Republic of Uzbekistan (Tashkent, Republic of Uzbekistan)

**Zumrud Araz gizi Akhundova –Dadashzade** – Doct.Sci. (Arts), Professor of the Department of Music History at the Baku Music Academy named after Uzeir Hajibeyli, Honored Art Worker of Azerbaijan (Baku, Republic of Azerbaijan)

**Sofia Is. Gorlitskaya** – Academician of the Academy of Informatization of Education, Cand.Sci. (Pedagogy), Honorary Worker of Education of the Russian Federation, Associate Professor of the Higher School of Printing and Media Technologies at the St. Petersburg State University of Industrial Technologies and Design (St. Petersburg, Russia)

**Andrey V. Denisov** – Doct.Sci. (Arts), Professor, Professor of the Department of History of Foreign Music of the Saint Petersburg State Conservatory named after N. A. Rimsky-Korsakov, член Союза композиторов России и International Musicological Society (St. Petersburg, Russia)

**Lola R. Jumanova** – Cand.Sci. (Arts), Associate Professor, Head of the Educational and Methodological Center of Practices of the Tchaikovsky Moscow State Conservatory, Associate Professor of the Department of Music Theory at the Tchaikovsky Moscow State Conservatory (Moscow, Russia)

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Honorary Worker of Higher Professional Education of the Russian Federation (Kursk, Russia)

**Valery Gab. Kasimov** – Cand.Sci. (Pedagogy), Professor, Head of the Department of History of Music and Musical Instruments of the Glazov State University of Engineering and Pedagogics named after V. G. Korolenko, Honored Worker of Culture of the Udmurt Republic, Honored Art Worker of the Udmurt Republic, Honorary Worker of Higher Professional Education of the Russian Federation (Glazov, Udmurt Republic, Russia)

**Igor M. Krasilnikov** – Doct.Sci. (Pedagogy), Associate Professor, Chief Researcher of the Laboratory of Music and Fine Arts of the Institute of Art Education and Cultural Studies of the Russian Academy of Sciences; member of the Expert Council of the Higher Attestation Commission of the Ministry of Education and Science of the Russian Federation on Pedagogy and Psychology; member of the Union of Composers of Russia (Moscow, Russia)

**Vyacheslav V. Medushevsky** – Doct.Sci. (Arts), Professor of the Department of Music Theory at the Tchaikovsky Moscow State Conservatory, Honored Art Worker of the Russian Federation (Moscow, Russia)

**Sergey A. Morozov** — teacher of the Kursk Music Boarding College for the Blind (Kursk, Russia)

**Elena V. Orlova** — Cand.Sci. (Arts), member of the Union of Moscow Composers, Director of the Joint Editorial Board of educational magazines *Art and Education*, *Music and Electronics*, *Music at School*, *Bulletin of Art and Education*, Deputy Director of the International Centre for *Art and Education* (Moscow, Russia)

**Valery A. Chudin** - Honored Worker of Culture of the Russian Federation, Honorary Worker of General Education of the Russian Federation, Director of the Municipal Autonomous Organization *Central Children’s School of Arts* Urban District of Khimki (1986 - 2020), Laureate of the Moscow Region Governor’s Prize; political figure, Member of the Deputy Council of the Khimki Urban District, Chairman of the Permanent Deputies Committee on Budget Items and Financial, Taxation and Economic Policy, Member of the Permanent Deputies Committee on the Current Problems of Education, Culture, Sports and of Youth Affairs (Khimki, Moscow Region, Russia).

#### VI. COMMITTEES OF THE FORUM COMPETITION *CLARINI OF THE 21ST CENTURY*

##### *Chairman of the Jury of the Forum Competition*

**Gennady G. Belov** – St. Petersburg composer (student of D. D. Shostakovich), Professor, Cand.Sci. (Arts), Member of the Union of Composers of Russian Federation, Honored Art Worker of the Russian Federation, awarded the Order of Friendship, Professor of the Department of Music Theory at the Saint Petersburg State Conservatory named after N.A. Rimsky-Korsakov (St. Petersburg, Russia)

##### *Coordinating Council of the Forum Competition*

**Elena N. Bazhukova** – Senior Methodologist of the Research and Methods Laboratory *Music Computer Technologies* at the Herzen State Pedagogical University of

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**Anastasia A. Govorova** – teacher of musical notation in the Braille system of the Music Classes for Blind and Visually Impaired Children of the Children's School of Arts of the Saint Petersburg Okhta Centre for Aesthetic Education, postgraduate student of the Herzen State Pedagogical University of Russia (St. Petersburg, Russia)

**Klara B. Davletova** – Methodologist of the Educational and Methodical Association of Teachers of Institutions of Additional Education for Children of St. Petersburg in the direction of *Electronic musical instruments*, developer and teacher of advanced training courses of the St. Petersburg Palace of Creative Work of the Young; Methodologist of the Centre for Creative Development and Humanitarian Education of Children *On Vasilevsky Island* (St. Petersburg, Russia)

**Irina O. Tovpich** – Director of the State Budgetary Educational Institution Secondary School No. 8 *Music* with in-depth study of the subjects of the musical cycle of the Frunzensky district of St. Petersburg - the basic school of the Herzen State Pedagogical University of Russia (St. Petersburg, Russia)

#### **Permanent members of the Jury of the Forum Competition**

**Andreas Kameris** – Candidate of Pedagogical Sciences, Senior Researcher of the Research and Methods Laboratory *Music Computer Technologies* at the Herzen State Pedagogical University of Russia, Member of the Union of Composers of the Republic of Cyprus (St. Petersburg, Russia / Limassol, Republic of Cyprus)

**Elena V. Orlova** – Cand.Sci. (Arts), member of the Union of Moscow Composers, Director of the Joint Editorial Board of educational magazines *Art and Education*, *Music and Electronics*, *Music at School*, *Bulletin of Art and Education*, Deputy Director of the International Centre for *Art and Education* (Moscow, Russia)

The Jury of the Forum Competition includes also leading experts in the field of music education, well-known Russian and foreign teachers – musicians, composers, performers, sound engineers, art historians.

## VII. CONCLUSION

The 24rd International Research and Practical Conference *Contemporary Musical Education: Creative Work, Research and Technology 2025* was attended by 270 speakers from 15 countries: the Republic of Azerbaijan, the Republic of Belarus, the Islamic Republic of Iran, the Kingdom of Spain, the Republic of Kazakhstan, the Republic of Cyprus, the People's Republic of China, the Kyrgyz Republic, the Russian Federation, the United States of America, the Republic of Tajikistan, the Republic of Turkmenistan, the Republic of Uzbekistan, and the Republic of Estonia.

More than 300 students, postgraduate students, master's students, researchers from research academic centers and research institutes of the Academies of Sciences of the Russian Federation and the Republic of Belarus, teachers from universities with a focus on the humanities, education, and technology, conservatories, music academies, colleges, schools, and 19 invited expert consultants also participated in the conference's round tables and various discussion platforms (seminars, master classes, and open sessions).



**Irina B. Gorbunova** was born in Saint Petersburg (Leningrad), Russia.

DipMus, Special Music Higher School of the St. Petersburg State Conservatory named after N.A. Rimsky-Korsakov; BSc in Computer Science: Information Technology, Computer Science and Multimedia, Leningrad State University, Ussurisk State Pedagogical University; MA in Education, the Herzen

State Pedagogical University of Russia; PhD in Information Technology and Pedagogical Sciences, the Herzen State Pedagogical University of Russia, St. Petersburg, 1989; Doctor degree: Doctor of Pedagogical Sciences and Information Technology, the Herzen State Pedagogical University of Russia, St. Petersburg, 1999.

Dr., Full Professor, Chief Researcher of the Education and Methods Laboratory *Music Computer Technologies* at the Herzen State Pedagogical University of Russia, St. Petersburg; hold the degree of Honorary Worker of Higher Professional Education of the Russian Federation.

Prof. Dr. Gorbunova is a Chairperson of the annual International Research and Practical Conference *Contemporary Musical Education: Creative Work, Research, Technology*, held since 2002; Chairperson of the annual International Research and Practical Conference *Music Computer Technologies in the System of Contemporary Education*, held since 2007; International Research Conference, held since 2017; ); Chairperson of the annual International Research Conference *Interdisciplinary East-West Discourse: The 21st Century. Creative Work. Research. Technology. Education*, held since 2020 (Baku, Azerbaijan – St. Petersburg, Russia).

Dr. Gorbunova is a member of the Jury of national and international competitions of musical creative works, including *Electronic Palette* (Saint-Petersburg), *Music and Electronics* (Moscow), *Music of the 21st Century* (Moscow / Saint-Petersburg), International Festivals and Competitions *Musical Electronics and Multimedia* (Moscow / St.-Petersburg), *CLARINE of the 21st Century* (St. Petersburg), *The World of Art without Borders* (Saint-Petersburg, Russia - Szeged, Hungary), *Bridge of Friendship* (Dortmund, Germany), All-Russian Competition of Electroacoustic Music *DEMO* (St. Petersburg, Russia).

Under the guidance of the professor, Dr. Gorbunova developed the first-ever bachelor's degree programs in *Music Computer Technologies* (2004) and *Information Technology in Music and Sound Design* (2023), as well as Master's degree programs in *Music Computer Technologies in Education* (2006) and *Digital Technology in Music and Sound Design* (2022).

Professor Dr. Gorbunova directs a number of doctoral and postdoctoral studies (more than 30) and lectures on music computer technology and information technology in music. She directs research in various fields, including: Theory and history of culture, musical art, information systems and processes, Theory and Methodology of vocational education, mathematical modeling, numerical methods and software systems, Theory and methods of teaching and educational work (in music, computer science, natural sciences). The research results of Prof. Gorbunova has published more than 550 peer-reviewed publications, including more than 50 books and more than 300 articles in various scientific journals.

Her research activities include such directions as:

MCT in professional musical education (as a means to expand creative opportunities);

MCT in general musical education (as one of the means of education);

MCT as a means of rehabilitation of people with disabilities;

MCT as the new direction in preparation of specialists of humanitarian and technological profile;

MCT in the field of digital arts;

MCT in information technology, psychoacoustics and musical acoustics;

system of training arrangements and the art of performing skills on electronic musical instruments.

Her circle of interests also includes the problems of interrelation of natural and technical sciences and humanities, as well as the possibilities of applying the results of such interrelation for the purposes of music education and upbringing.

She also takes part in working out the specialized software for computer music devices and in application of this software in pedagogical processes.

Her developments and researches also belong to the field of musical pedagogics and musicology, musical informatics, computer modeling of processes of musical creativity, timbre programming, art of performing skills and arrangement on electronic musical instruments, creative work in the field of computer music, mathematical methods in musicology.