### **International Scientific Conference**

"Equations of mixed type and related problems of modern analysis", March 11-14, 2025, Nalchik, Kabardino-Balkarian Republic, Russia

# Dear colleagues!

Institute of Applied Mathematics and Automation KBSC RAS on March 11-14, 2025 is hosting an International conference "Equations of mixed type and related problems of modern analysis" in Nalchik, Kabardino-Balkarian Republic, Russia.

*The Conference co-organizers:* 

Kabardino-Balkarian State University named after Kh. M. Berbekov (Nalchik, Russia)

Novosibirsk State University (Novosibirsk, Russia)

Regional Mathematical Center SFedU (Rostov-on-Don, Russia)

Institute of Mathematics and Mathematical Modeling (Almaty, Kazakhstan)

Institute of Mathematics named after V. I. Romanovsky (Tashkent, Uzbekistan)

Kyrgyz National University named after J. Balasagyn (Bishkek, Kyrgyzstan)

#### CONFERENCE PROGRAM COMMITTEE

Chairman: Kalmenov T. S. (Kazakhstan). *Members of the Programme Committee:* 

Ablabekov B. S. (Kyrgyzstan), Alimov Sh. A. (Uzbekistan), Askhabov S. N. (Russia), Ashurov R. R. (Uzbekistan), Dzhenaliev M. T. (Kazakhstan), Egorov I. E. (Russia), Karapetyants A. N. (Russia), Kozhanov A. I. (Russia), Kusraev A. G. (Russia), Lesev V. N. (Russia), Lomov I. S. (Russia), Mamchuev M. O. (Russia), Mirsaburov M. (Uzbekistan), Molokanov O. A. (Russia), Popov S. V. (Russia), Pskhu A. V. (Russia), Ramazanov M. I. (Kazakhstan), Rekhviashvili S. Sh. (Russia), Sabitov K. B. (Russia), Savintsev A. P. (Russia), Sadybekov M. A. (Kazakhstan), Sitnik S. M. (Russia), Soldatov A. P. (Russia), Fedorov V. E. (Russia), Shkhanukov-Lafishev M. Kh. (Russia).

The Conference is timing to the 120th anniversary of the birth of an outstanding scientist in Mathematics and Mechanics, Doctor of Physics and Mathematics, Doctor of Engineering Sciences, Professor Felix Isidorovich Frankl.

The Conference is held within the framework of the declared by President Vladimir Putin Decade Science and Technology for 2022–2031 in Russia.

This Conference aims to renew and continue the tradition of bilateral international symposia "Equations of mixed type and related problems of analysis and informatics" regularly held since 2003: Russian-Uzbek symposium (2003, 2012), Russian-Kazakh symposium (2004, 2011, 2014), Russian-Azerbaijani symposium (2008), Russian-Abkhaz symposium (2009), Russian-Bulgarian symposium (2010).

The Conference will discuss current issues and provide an overview of research in boundary value problems for basic and mixed differential equations, fractional calculus, functional analysis and function theory, and mathematical modeling.

A special scientific session "Boundary problems for loaded equations" will be also held timed to the 70th anniversary of Anatoly Kh. Attaev, the head of the Mixed-type Equations Department of IAMA.

The Conference will be organized as a hybrid event, meaning both in-person and online presentations are welcome. No publication of the abstracts is planned.

Following the Conference, selected works will be published in a special issue of the <u>Journal of Mathematical Sciences</u> and in the <u>Vladikavkaz Mathematical Journal</u>.

The Conference will be held from March 11 to 14, 2025.

### **IMPORTANT DATES**

March 11 - the day of arrival, registration.

March 12 - opening of the Conference, plenary reports.

March 13 - plenary and session reports.

March 14 - closing of the Conference, participants leave.

Conference information will be posted on the <u>Conference website</u> and in following information messages.

# REGISTRATION OF CONFERENCE PARTICIPANTS

To participate in the Conference, please send the following information in the application form below by 20 February 2025, the e-mail address (binak@niipma.ru):

- 1. Surname, first name, patronymic (in Russian);
- 2. City, country, name of the organization;
- 3. Academic degree;
- 4. E-mail address, telephone (for communication);
- 5. Title of the report, authors, annotation (up to 10 lines);
- 6. Estimated arrival and departure dates;
- 7. Information for the Organizing Committee on an invitation letter and room booking.

#### **CONTACT DETAILS**

Postal address: IAMA, Shortanova str., 89 A, 360000, Nalchik, Russia

Conference website: https://niipma.ru/en/frankl-f-120/

Conference e-mail: <a href="mailto:binak@niipma.ru">binak@niipma.ru</a>
E-mail of IAMA KBSC RAS: <a href="mailto:ipma@niipma.ru">ipma@niipma.ru</a>
Tel.: +7(866)242-38-76, +7(988)921-22-23 - Conference Secretary

Kazbek Uzeyirovych Khubiev