Ministry of Agriculture of the Republic of Kazakhstan "Saken Seifullin Kazakh Agrotechnical University" NC JSC 010000, Nur-Sultan, 62 Zhenis Ave., 62 +7 (7172), 310-245



INFORMATION LETTER

S. Seifullin Kazakh Agrotechnical University (hereinafter - KATU) invites you to participate in the International Scientific and Practical Conference "Seifullin readings 18 (2) on "Science of XXI Century - the era of transformation", dedicated to the 65th anniversary of KATU", which will be held October 6, 2022 (Conference will be in online and offline format).

Traditionally, the conference has served as a recognized platform for dialogue to review the work of bachelor, master and doctoral students and academics.

Participation in the conference is an excellent opportunity to highlight your scientific work, promote a constructive exchange of views on research priorities, develop innovation, intellectual skills, and promote science among young people.

Students, undergraduates, doctoral students and academics are invited to participate in the conference.

Submissions will be accepted until 10 September 2022.

Form of conference - online and offline.

The aim of the conference is to publish the scientific results of students and young scientists on topical problems of modern science, exchange ideas and research experience. Development of creative activity of students, undergraduates, doctoral students and scientists, involving them in solving urgent problems.

Conference working languages: Kazakh, Russian, English

Materials of reports will be placed in the electronic collection on KATU website in the section "Science" tab "Collections of scientific conferences" at (kazatu.edu.kz/pages/nauka/novosti-nauki_20220121052309/sborniki-naucnyh-konferencij) with assignment of international code ISBN.

Conference highlights (see Appendix 1 for the section chairs):

1. Topical problems of farming, crop production and soil fertility in a changing climate;

2. Innovative solutions in scientific biology and crop protection;

3. Promising research in breeding;

4. Digital transformation of agro-industrial complex: technical equipment in the context of robotization, digitalization and intelligent agriculture;

5. Modern digital solutions and quality management in the food and processing industry: Current aspects of health and healthy eating, including for children and schoolchildren;

6. Prospective directions for the development of research in animal husbandry and agricultural biotechnology;

7. Veterinary safety is the basis of public health;

8. Research by young academics in the social sciences and humanities;

9. The role of computer and software engineering in modern science;

10. Modern IT solutions in computer engineering and IT analytics;

11. Current issues in education and the natural and mathematical sciences;

12. Modern technologies and innovations in geodesy, cadaster, land and natural resource management, architecture and design;

13. The New Climate Economy: Challenges and Opportunities for Kazakhstan and Central Asia;

- 14. Bioresources and the ecological and climatic situation;
- 15. Modern energy and automation, problems and prospects;
- 16. The role of telecommunications systems in today's world.

Abstracts and applications should be submitted according to Annexes 2, 3 to the e-mail addresses of the section secretaries (*e-mail and contact details are given in Annex 1*). Participants should indicate the format of participation in the conference in their applications.

The Department of Science is the coordinator of the conference. At the end of the conference, the organising committees (responsible secretaries, after deciding on the acceptance of papers, provide the final abstracts for publication in the collection).

Requirements for the acceptance and formatting of abstracts:

• UDC;

• theses that have not been published elsewhere can only be published with a maximum of one thesis per author;

• a list of references including at least one source from the Scopus and/or Web of Science databases is mandatory;

• theses, including references, should not exceed 4 (full) pages of A4 format (portrait orientation) typed in MSWORD (2003, 2007), Times New Roman font, KZ Times New Roman (12pt) font, single spacing, margins: top - 2 cm, bottom - 2 cm, left - 3 cm, right - 1.5 cm, with alignment to the line width and with automatic hyphenation;

• on the first line, center - title of the thesis in capital letters in bold, 1 spacing after, on the right line - initials and surname of the author, position and academic degree (italics), 1 spacing after - city and name of the organization or educational institution (italics), main text starts 2 spacing on the main line;

• The list of references is placed at the end of the text in the order of the sources cited, with references in square brackets in the text.

The Organising Committee reserves the right to reject abstracts that do not conform to the requirements and do not correspond to the topics of the conference.

To cover organisational and publishing costs, **the registration fee is 3,000 tenge (three thousand tenge)**. Contribution can be made by transfer to the bank account of KATU with a note *"For the conference "Seifullin readings-18 (2)"* to the following details:

1. Xalyk Bank

«Saken Seifullin Kazakh Agrotechnical University» NC JSC, Nur-Sultan city, 62 Zhenis Ave. BIN: 070 740 004 377 BeC: 16 Bank: JSC Halyk Bank of Kazakhstan IIC: KZ446010111000037373 BIC: HSBKKZKX Payment purpose codes: 890

2. Kaspi.kz app

- 1. Name of HEI: Saken Seyfullin Kazakh Agrotechnical University;
- 2. IIN of the student (teaching) IIN of the participant;
- 3. IIN of the payer indicate the full name of the participant;
- 4. Faculty specify the name of the section;
- 5. Course;
- 6. BIN 070740004377
- 7. KZ446010111000037373

WE LOOK FORWARD TO SEEING YOU AMONG THE PARTICIPANTS OF SEIFULLIN READINGS-18 (2)!



Areas of the conference and those responsible for the sections:

Conference Name	Name of section	Section Secretary	Contacts of the Section Secretary (email, phone number)	Location (to be specified)
International Scientific and Practical Conference "Seifullin Readings 18 (2) on "Science of XXI Century - The Age of Transformation"	1. Topical problems of farming, crop production and soil fertility in a changing climate	Khamitova Tolkyn Ondirisovna	khamitova.t@inbox.ru +77786031812	A.I. Barayev Research and Production Centre for Grain Farming
	2. Innovative solutions in scientific biology and crop protection	Izbastina Clara Serzhanovna	izbastina.k@gnail.com +77025392334	A.I. Barayev Research and Production Centre for Grain Farming
	3. Promising research in breeding	Akylbekova Balzhan Akhmetbekkyzy	ahilbekova@mail.ru +77026810945	A.I. Barayev Research and Production Centre for Grain Farming
	4. Digital transformation of agro- industrial complex: technical equipment in the context of robotization, digitalization and intelligent agriculture	Saden Dinara Askarkyzy	n_dinara94@mail.ru +77013859305	KATU
	5. Modern digital solutions and quality management in the food and processing industry: Current aspects of health and healthy eating, including for children and schoolchildren	Nurlankyzy Zhibek	nurlankyzy.zhibek@mail.ru +77052947188	KATU lecture room 4502
	6. Prospective directions for the development of research in animal husbandry and agricultural biotechnology	Otepova Gulbadan Maratovna	arsen_arlan @mail.ru +7(702) 119-34-82	International, Armandastar str. 2b Auditorium 8501
	7. Veterinary safety is the basis of public health	Zharkimbaeva Zhanargul Zeinollaevna	Zharkimbayeva89@mail.ru +77011218450	International, Armandastar str. 2b Auditorium 8501
	8. Research by young academics in the social sciences and humanities	Otegulov Oralbek Zhubanalyuly	JohnFKennedy@mail.ru +77026187429	KATU
	9. The role of computer and software engineering in modern science	Mawina G.	alema85@mail.ru +7 701 558 8438	KATU

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APPLICATION for the International Scientific-Theoretical Conference "SEIFULLIN READING - 18 (2)"

1	Surname	
	First name	
	Patronymic	
2	Academic degree, rank	
3	Organization	
	Position	
4	Contact details:	
	Phone	+7 7
	e-mail	
5	Name of section	
6	Full title of the report	
7	Payment slip (enclose)	
8	Format of participation	
	(online or offline/in-	
	personal/in absentia)	
	Date of completion	

APPROXIMATE METHODS FOR SOLVING ORDINARY DIFFERENTIAL EQUATIONS

No UDC

M. Akhmetov, 1st year student S. Seifullin Kazakh Agrotechnical University, Nur-Sultan

List of references

(The bibliography shall be drawn up in accordance with GOST 7.1-2003 "Bibliographic Record. Bibliographic Description. General Requirements and Rules")

For example

1 Petushkova G.I. Designing Costume [Text]: Textbook for Higher Education Institutions / G.I. Petushkova. - Moscow: Academy, 2004. - 416 p.

2 Borisova N.V. Mythopoetics of universalism in philosophical prose of M. Prishvin [Text]: tutorial / N.V. Borisova. - Elets: Publishing house of Elets State University, 2004. - 227 p.

3 Krasnova T.V. Ancient Russian toponymy of Yelets Land: monograph. - Elets: Elets State University, 2004 - 157)