

Yakut Scientific Centre of the Siberian Branch of the Russian Academy of Sciences
Institute of Oil and Gas Problems SB RAS
North-Eastern Federal University named after M.K. Ammosov



All-Russian Research-to-Practice Conference with International Participation
POLYMER AND COMPOSITE MATERIALS IN THE CONDITIONS OF THE NORTH
dedicated to the 120th anniversary of the discovery of synthetic rubber
by I.L. Kondakov (08.10.1857 – 14.10.1931), native of the city Viluisk, Yakut region

October 12–15, 2021, Yakutsk, Sakha Republic (Yakutia), Russia



DEAR COLLEAGUES!

It is a pleasure to welcome you to the All-Russian Research-to-Practice Conference with International Participation “POLYMER AND COMPOSITE MATERIALS IN THE CONDITIONS OF THE NORTH”. The conference is intended to reflect the achievements in the field of fundamental and applied aspects of creating modern technologies for the design, manufacture, processing and testing of composite materials based on frost-resistant polymers in order to increase the level of functional properties, durability and reliability of machine parts, products and structural elements operating in extreme conditions of the North and Arctic.

MAIN DIRECTIONS

- Polymer composite materials based on frost-resistant elastomers;
- Polymer composite materials based on thermoplastics and thermosets;
- New technologies for the production and manufacture of materials and constructions based on polymer and composite materials for northern conditions;
- Reliability and durability of materials, constructions and buildings during operation in the North;
- Contribution of I. L. Kondakov into polymer science.

FORMAT

The conference will be held in online/offline formats.

The following formats of the conference are expected:

Plenary session: 20–25 min;

Thematic sections: 10–15 min;

Poster: A0 sheet.

Working languages: Russian, English

PROGRAM COMMITTEE

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Gogoleva O.V., Cand. Tech. Sc., IOGP SB RAS, Yakutsk
Danzanova E.V., Cand. Tech. Sc., IOGP SB RAS, Yakutsk

KEY DATES

Registration of participants – **September 20, 2021**

Submission of abstracts – **September 30, 2021**

Confirmation of the acceptance of reports in the conference program – **September 30, 2021**

Payment of registration fee – **September 30, 2021**

REGISTRATION FEE

Registration fee for online/offline participation - 2000 RUB; for students and postgraduate students – 1000 RUB. Participation in absentia for all participant – 500 RUB. The registration fee includes the costs of ensuring the participant's access to all scientific events of the conference, coffee breaks, set of participant, scientific program of the conference, publication of the conference proceeding.

PUBLICATION OF THE CONFERENCE PROCEEDINGS

The application form and article template are presented on the website <https://ipng.ysn.ru/polymer-composites-in-the-north/>

Articles in the form of an electronic collection will be published with indexing in the RSCI database.

CONTACTS

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Website: <https://ipng.ysn.ru/polymer-composites-in-the-north/>

LOCATION OF THE CONFERENCE

Federal Research Centre “The Yakut Scientific Centre SB RAS” (YaSC SB RAS) – conference hall (second floor), 2, Petrovskogo st.;

Institute of Oil and Gas Problems SB RAS (IOGP SB RAS) – conference hall, hall of scientific commission (second floor), 2, Petrovskogo st.;

Institute of the Physical-Technical Problems of the North SB RAS named after V.P. Larionov (IPTPN SB RAS) – assembly hall (4 floor), hall of scientific commission (3 floor), 1, Oktyabrskaya st.

CULTURAL PROGRAM

The visit to the Mammoth Museum, Museum «Treasury of Yakutia», Geological Museum, Museum «Kingdom of Permafrost» (on request). Information about the place and time of the excursions can be found during registration.

CONFERENCE PROGRAM

October 12, Tuesday		
Arrival of conference participants		
October 13, Wednesday		
09:00-10:00	Registration of participants	YaSC SB RAS
10:00-11:00	Opening of the conference. Plenary session.	
11:00-11:15	Coffee break	
11:15-12:45	Plenary session	
12:45-14:00	Lunch break	
14:00-15:30	Thematic sections	IOGP SB RAS IPTPN SB RAS
15:30-15:45	Coffee break	
15:45-17:30	Thematic sections	
October 14, Thursday		
09:00-10:30	Thematic sections	IOGP SB RAS IPTPN SB RAS
10:30-10:45	Coffee break	
10:45-12:45	Thematic sections	
12:45-14:00	Lunch break	
14:00-15:30	Thematic sections	
15:30-15:45	Coffee breaks	
15:45-17:30	Thematic sections	
October 15, Friday		
09:00-12:00	Round Table. Closure of the conference, discussion	YaSC SB RAS
Departure of conference participants		