The first information notice

INTERACTION OF HYDROGEN ISOTOPES WITH STRUCTURAL MATERIALS

The 7-the International Conference and the 14-th International School for young scientists named after A.A.Kurdyumov

July, 05 – 11, 2020 r.
Gatchina

Organizers:

NRC «Kurchatov Institute»

FSUE «RFNC-VNIIEF»

Dear colleagues!

The steering committee invites academicians, doctors and candidates of sciences, researchers, experimental engineers and laboratory assistants, teachers, students and postgraduates and young scientists as well as industry and medicine specialists to take part in the international conference and in the school for young scientists and specialist in the area of "**Interaction of hydrogen isotopes with structural materials**".

Sessions of the conference

- Kinetics and thermo-dynamics of hydrogen isotopes interaction with solids, radiogenic helium effects included.
- Hydrogen isotope effects on structural material properties.
- Promising materials for the first wall of thermonuclear reactors.
- Hydrides and hydride transformations.
- Models, methods and equipment.

Time and place of the event

The conference is to be held from July 05 to July 11 in the city of Gatchina on the base of NRC "Kurchatov Institute" – PNPI (http://www.pnpi.spb.ru/)

Procedure

The meetings are to be held by sessions. The presentations are subdivided into invited presentations, presentations by leading scientists and talks by young specialists.

The duration of lectures is up to 50 minutes,

that of presentations and talks is up to 20 minutes.

Abstracts and materials of lectures, presentations and talks are to be published in the Book of Proceedings. For publication of abstracts, official release permits are required from an appropriate (sending) organization.

Application for participation

The registration due date for participants is **March 15**. The application is to be submitted in electronic version at the official site of the conference: *http://ihism.org.*

The steering committee will have sent **official invitations by April 15, 2020** at the latest.

All the issues associated with the payment for participation in the conference are to be specified in the second information notice.

Contact person

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Co-chairs of the International Program Committee:

Ilkaev R.I. (RFNC-VNIIEF)

Kovalchuk M.V. (NRC "Kurchatov institute")