

XIX Ural school-seminar for young metal scientists hosted by the Department of Heat Treatment and Physics of Metals of the Ural Federal University will be held in Ekaterinburg from November 19 to 23, 2018.

Students, young scientists and specialists not older than 35 years old who work in the field of metal science are invited to participate.

#### SECTIONS:

1. Properties of metals and alloys subjected to deformation and thermal processing (Свойства металлов и сплавов после деформационного и термического воздействия)
2. Phase transformations in metals and alloys (Фазовые превращения в металлах и сплавах при деформационном и термическом воздействии)
3. Surface of materials: properties and modern processing methods (Поверхность материалов: свойства и современные методы обработки)
4. Modern methods of investigation and computer simulation in metallurgy (Современные методы исследования и компьютерного моделирования в металлургии)
5. Functional metallic, ceramic and composite materials (Функциональные металлические, керамические и композиционные материалы)
6. Physical processes and phenomena in materials under extreme operating and experimental conditions (Физические процессы и явления в материалах в экстремальных условиях эксплуатации и эксперимента)
7. Additive manufacturing (Аддитивные технологии)

The book of proceedings will be published before the beginning of the conference, indexed in the database elibrary.ru, and after the conference the best reports will be published in Scopus or Web of Science indexed journal.

Participation is free. Detailed information on the venue and cost of accommodation will be sent in the third information letter.

Registration and paper submission are open until July 17, 2018.

Registration and information about our conference is available on the official website <http://conf.tofm-urfu.ru/>.