

# EFRE 2020



## 7<sup>th</sup> International Congress on Energy Fluxes and Radiation Effects

General Chairman  
**Gennady Mesyats**  
Russian Academy of Sciences

Tomsk, Russia  
20-26 September, 2020



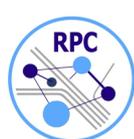
**21<sup>st</sup> SHCE**  
International  
Symposium on  
High-Current  
Electronics

- Intense electron and ion beams
- Pinches, plasma focus and capillary discharge
- High power microwaves
- Pulsed power technology
- Pulsed power applications
- Discharges with runaway electrons
- Numerical simulation in high current electronics



**15<sup>th</sup> CMM**  
International  
Conference on  
Modification of Materials  
with Particle Beams  
and Plasma Flows

- Beam and plasma sources
- Fundamentals of modification processes
- Modification of material properties
- Coatings deposition
- Nanoscience and nanotechnology



**19<sup>th</sup> RPC**  
International  
Conference on  
Radiation Physics  
and Chemistry  
of Condensed Matter

- Luminescence: processes
- Non-linear physicochemical processes under severe energetic impact
- Physical principles of radiation and photonic technologies
- Radiation defects
- Methods, instruments and equipment for physicochemical studies



**4<sup>th</sup> NMHT**  
International  
Conference on  
New Materials and  
High Technologies

- Non isothermal methods for materials synthesis
- Combustion waves: theory and experiment
- Functional materials and coatings

Open on-line registration  
Open abstract submission

Abstract submission  
deadline

Open manuscript  
submission

Manuscript submission  
deadline



September, 2019

March 18, 2020

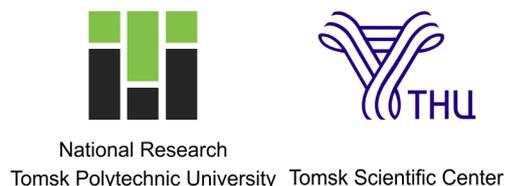
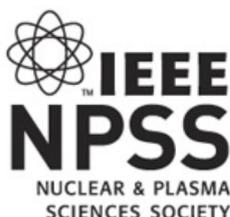
April 02, 2020

May 15, 2020

The Congress is hosted by



[efre2020.hcei.tsc.ru](http://efre2020.hcei.tsc.ru)



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