



RPC-15

# 3<sup>rd</sup> INTERNATIONAL CONGRESS

on Radiation Physics and Chemistry of Condensed Matter,  
High Current Electronics and  
Modification of Materials with Particle Beams and Plasma Flows



**September 17 - 21, 2012**

National Research Tomsk Polytechnic  
University, Russia

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CMM-11 – N. Koval and V. Krivobokov

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## **Conference topics:**

### **RPC-15**

- Elementary processes
- Nonlinear effects
- Surface
- Physical basis of radiation- and laser-related technologies
- Methods of testing

### **SHCE-17**

- Intense electron and ion beams
- Pinches, plasma focus and capillary discharge
- High power microwaves
- Pulsed power technology
- Pulsed power applications
- Discharges with runaway electrons

### **CMM-11**

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

### **International Youth Science School**

“Particle Beams, Plasma, Neutrons, Photons:  
Generation and Application”

For on-line registration and abstract submission please visit the Congress website

**[WWW.CONGRESS-2012.TPU.RU](http://WWW.CONGRESS-2012.TPU.RU)**

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