

	24.03.2017	25.03.2017	26.03.2017
10:00-10:40	<p><u>Dmitri Alexandrov</u> Ural Federal University, Ekaterinburg, Russia TBD</p>	<p><u>Peter Galenko</u> Friedrich-Schiller-Universität Jena, Jena, Germany Solidification Kinetics of CuZr Alloy: Ground-Based and Microgravitational Experiments</p>	<p><u>Lev Ryashko</u> Ural Federal University, Ekaterinburg, Russia Analysis of stochastic phenomena in nonlinear systems</p>
10:40-11:20	<p><u>Valery Golod</u> Peter the Great St.Petersburg Polytechnic University, St.Petersburg, Russia Вычислительное материаловедение структурно-фазовых превращений в литейных алюминиевых сплавах (Computational Materials Science of Structural and Phase Transformations In Foundry Aluminum Alloys)</p>	<p><u>Olga Gusakova</u> Belarusian State University, Minsk, Belarus The Influence of Melt Flow on Grain Structure of Tin and Its Alloys During Ultrafast Quenching from the Melt</p>	<p><u>Vladimir Ankudinov</u> Udmurt State University, Izhevsk, Russia Теплоперенос и формирование микроструктуры в металлических порошках при селективном лазерном плавлении (Heat Transfer and Formation of a Microstructure in Metallic Powders with Selective Laser Melting)</p>
11:20-12:00	<p><u>Vladimir Shur</u> Ural Federal University, Ekaterinburg, Russia Исследование формирования самоподобных дендритных микро- и нано-доменных структур в одноосных сегнетоэлектриках (Study of the Formation of Self-Similar Dendritic Micro and Nano Domain Structures in Uniaxial Ferroelectrics)</p>	<p><u>Olga Chikova</u> Ural Federal University, Ekaterinburg, Russia Study of Fundamental Physic-Chemical Laws a Process-Structure-Property Linkage in Multiphase Polycrystalline Steels</p>	<p><u>Pyotr Popel</u> Ural State Pedagogical University, Ekaterinburg, Russia On the Existence of Metastable Microheterogeneities in Metallic Melts</p>
12:00-12:20	Coffee-break		
12:20-13:00	<p><u>Ekaterina Titova</u> Ural Federal University, Ekaterinburg, Russia Boundary Integral Approach for Elliptical Paraboloid Dendrite Propagating in an Undercooled Melt</p>	<p><u>Mikhail Krivilyov</u> Udmurt State University, Izhevsk, Russia Двухмасштабное математическое моделирование процессов переноса и структурообразования в металлургии малых объемов (Two-Scale Mathematical Modeling of Transport and Structuring Processes in Small-Volume Metallurgy)</p>	<p><u>Valery Kiseev</u> Ural Federal University, Ekaterinburg, Russia Two-phase Nanofluid-Based Thermal Management Systems for LED Cooling</p>
13:00-13:20	<p><u>Mikhail Vasin</u> Physical-Technical Institute of UrB RAS, Izhevsk, Russia Description of Glass Transition as Topological Phase Transition in Frustrated System</p>	<p><u>Ahmed Salhoumi</u> University of Hassan II Casablanca, Casablanca, Morocco Analysis of Interface Kinetics: Solutions of the Gibbs-Thomson Type Equation and of the Kinetic Rate Theory</p>	<p><u>Vladimir Lebedev</u> Udmurt State University, Izhevsk, Russia Локально-неравновесная кинетика роста стехиометрических соединений при направленном затвердевании: фазово-полевой подход (Locally Nonequilibrium Kinetics of Growth of Stoichiometric Compounds with Directional Solidification: Phase-field Approach)</p>
13:20-13:40	<p><u>Lyubov Toropova</u> Ural Federal University, Ekaterinburg, Russia On the Theory of Ternary Melt Crystallization with a Non-Linear Phase Diagram</p>	<p><u>Phanikumar Gandham</u> Indian Institute of Technology Madras, Chennai, India Multiscale Modeling of Solidification During Laser Based Additive Manufacturing</p>	<p><u>Ilya Starodumov</u> Ural Federal University, Ekaterinburg, Russia TBD</p>
13:40-14:00	<p><u>Alexey Malygin</u> Ural Federal University, Ekaterinburg, Russia Стационарный процесс нуклеации и кристаллизации в пересыщенных системах с кристаллизатором (Stationary Process of Nucleation and Crystallization in Supersaturated Systems with a Crystallizer)</p>	<p><u>Vyacheslav Belousov</u> Donetsk National University, Donetsk Гидродинамика и тепломассоперенос при образовании тонкой металлической стеклянной ленты (Hydrodynamics and Heat and Mass Transfer in the Formation of a Thin Metal Glass Ribbon)</p>	<p><u>Valery Golod</u> Peter the Great St.Petersburg Polytechnic University, St.Petersburg, Russia Эволюция структурной и химической неоднородности при ускоренном затвердевании в условиях газовой атомизации (The Evolution of Structural and Chemical Inhomogeneity with Accelerated Solidification Under a Gas Atomization)</p>
14:00-15:00	Lunch		