

Приложение 3

Сведения об иностранных участниках 2-й международной конференции «Компьютерное моделирование в физике и не только» (CSP2017)

Страна	Количество зарегистрированных участников мероприятия	Количество приглашенных участников, подтвердивших свое участие в мероприятии	ФИО приглашенных участников, подтвердивших свое участие в мероприятии	Название докладов приглашенных участников, подтвердивших свое участие в мероприятии
<i>США</i>	5	5	Luijten Erik	Dynamic Computation of Dielectric Effects in SelfAssembly and Active Matter
			Machta Jonathan	Population annealing simulation of complex systems
			Sandvik Anders	Dynamical scaling in complex systems
			Yakovenko V.	Statistical Mechanics of Money
			Novotny M.	
<i>Германия</i>	3	3	Selke Walter	Simulation of anisotropic systems
			Janke Wolfhard	From Particle Condensation to Polymer Aggregation
			Takabe H.	
<i>Великобритания</i>	2	2	Kenna Ralph	On the critical mass of scientific lab
			Weigel Martin	TBA
<i>Швейцария</i>	2	2	Andreoni Wanda	Data mining for materials
			Tokareva S.	Staggered grid residual distribution scheme for Lagrangian hydrodynamics
<i>Италия</i>	1	1	Zecchina Riccardo	The out-of-equilibrium landscape of neural networks learning algorithms: from driven stochastic processes to quantum annealing
<i>Гонконг</i>	1	1	Zhang Ruiqin	Electron tunneling lifetime in atomic systems, a projected Green's function method
<i>Украина</i>	1	1	Atamas N.	Diffusion mechanisms in systems ionic liquid - aromatic hydrocarbons by molecular dynamics simulation
<i>Казахстан</i>	1	1	Chernov A.	Optimal vaccine allocation in two SIR centers with migration fluxes

<i>Индия</i>	<i>1</i>	<i>1</i>	Majumder S.	Universal Scaling Laws for Clusters Growth and Aging During Collapse of a Polymer
<i>Вьетнам</i>	<i>1</i>	<i>1</i>	Nguyen M. D.	A framework to monitor activities of satellite data processing in real-time
<i>Мексика</i>	<i>1</i>	<i>1</i>	Rodríguez Romo S.	Electromagnetic simulation of thread Peano antennas created by Context-free Grammar language
<i>Япония</i>	<i>1</i>	<i>1</i>	Sako T.	Electron wave packet dynamics for spin dependent tunneling current induced in one-dimensional nanostructure
<i>Испания</i>	<i>1</i>	<i>1</i>	Vega de las Heras C.	On the time required to freeze water
<i>Китай</i>	<i>1</i>	<i>1</i>	Zha X.	Theoretical investigations on the physical properties and fabrication mechanisms of Mxenes
<i>Франция</i>	<i>1</i>	<i>1</i>	Kalinichev A.	Computational Molecular Modeling of Aqueous Interfaces for Environmental and Materials Science Applications

Сведения о российских участниках 2-й международной конференции «Компьютерное моделирование в физике и не только» (CSP2017)

Субъект РФ, в котором располагается организация-место обучения или основное место работы зарегистрированного участника мероприятия	Количество зарегистрированных участников мероприятия	Количество приглашенных участников, подтвердивших свое участие в мероприятии	ФИО приглашенных участников, подтвердивших свое участие в мероприятии	Название докладов приглашенных участников, подтвердивших свое участие в мероприятии
<i>Москва</i>	53	53	Tyrtushnikov Eugene	Advances in Theory and Practice of Tensor Decompositions Using Low Rank Matrices
			Vasilyev Oleg V.	Hierarchical Numerical Simulation of Turbulence
			Belov A.	Method for detecting data synchronization errors in distributed information systems
			Manita A.	Distributed time synchronization algorithms and opinion dynamic

		Manita L.	Singular solutions for vibration control problems
		Inogamov N.	Simulation of the diffraction limited gaussian and vortex illuminations of supported metallic films
		Korneva M.	The investigation of the recrystallization process in the Zr-Nb alloys using atomistic simulations
		Teslyuk A.	New approach for structure reconstruction with machine learning methods in XFEL and Cryo-EM experiments
		Posypkin M.	Numerical Simulation of 2D-crystals Structures with Optimization Methods
		Menshutin A.	Efficient algorithm for DLA problem in multiple dimensions

		Burovski E.	Phase transitions in evolutionary space games
		Vnukov A.	Simulation System for Making Political and Macroeconomical Decisions and Its Development
		Tsybalov E.	Compact high-order difference approximations for rod lateral vibrations equation
		Kuznetsov I.	Investigation of lunar dusty exosphere with future Russian lunar missions: Simulation Approach and Measurements Control
		Krivosova O.	Nonlinear Interaction of Waves in Rotating Spherical Layers
		Vinnikov V.	Numerical Simulation for Meteoroid Dark Flight
		Zotov L.	Analysis of the Chandler wobble of the Earth
		Zhilenko D.	The Different Types of Turbulence in Rotating Spherical Layers
		Soroko E.	How the methods of natural sciences can help in the studies of ethnically mixed families?
		Shemendyuk A.	Boundary Conditions that Imitate Cauchy Problem for Finite-Difference Approximations of Basic Mathematical Physics Equations
		Zlotnik A.	Numerical methods with discrete transparent boundary conditions for solving the time-dependent Schrödinger equation
		Chetverikov V.	Properties of the Tent map for decimal fractions with fixed precision

		Vnukov A.	The Development of efficient Algorithms for multi-threaded parallel. Processing in the Module Scaling digital Images
		Polyakov S.	Docker Containers Manager: A Simple Toolkit for Isolated Work with Shared Computational, Storage, and Network Resources
		Slastnikov S	Applying swarm intelligence algorithms for NP-hard problems
		Smirnova D.	Development of atomistic description for Zr-Nb alloys: study of phase transitions and diffusivities
		Demichev A.	Computer modeling of a dispersed storage system for private data on public resources in P2P networks for determining the optimal values of its parameters
		Kazakov A.	Grid-characteristic method on unstructured meshes: problems and applications
		Karpichev R.	Абстракт без названия
		Aristov V.	Nonclassical nonequilibrium transport on the basis of numerical solving the boltzmann kinetic equation

		Blinov A.	Simulation System for Making Political and Macroeconomical Decisions and Its Developmen
		Fadeeva M.	Analytical structure of transition matrix in Wang-Landau algorithm
		Guskova M.	Абстракт без названия
		Kalinikova V.	Абстракт без названия
		Klimenkova O.	Абстракт без названия
		Kryukov A.	Open Science Hub for Astroparticle Physics
		Tolstykh A.	Multioperators strategy for constructing arbitrary high-order approximations and schemes for PDE's with applications to fluid dynamics
		Trubochkina N.	Fractal tomography and its application in 3d vision
		Trubochkina N.	Transitional circuitry for studying the properties of DNA
		Moiseenko S.	Operator-difference method for astrophysical MHD problem

			Evtushenko Y.	
			Buchachenko A.	
			Chetverushkin B.	
			Lebedev V.	
			Maslov V.	
			Starobinsky A.	
			Ilyin V.	
			Nazirov R.	
			Tolstih M.	
			Yakobovskiy M.	
			Aksenov S.	
			Kryuchkova E.	
			Sedova T.	
<i>Московская область</i>	16	16	Bozhko S.	DFT simulations of Sb(111) surface states
			Tseplyaev V.	Evaluation of dislocation mobility and plastic properties of molybdenum using molecular dynamics

			Starikov S.	Multiscale simulation of point defects behavior in nuclear fuels: uranium dioxide and uranium nitride
			Khokhlov N.	Numerical simulation of the dome of an atomic reactor destruction due to the earthquakes
			Favorskaya A.	Elastic migration based on the Born approximation
			Kazakov A.	Grid-characteristic method on unstructured meshes: problems and applications
			Barash L.	Population annealing algorithm, its GPU implementation and its analysis
			Kolotev S.	Абстракт без названия

			Lozovik Y.	A subcell technique for numerical analysis of optical properties of 2D metamaterials with the finite-difference time -domain method
			Shemendyuk A.	Boundary Conditions that Imitate Cauchy Problem for Finite-Difference Approximations of Basic Mathematical Physics Equations
			Ziganurova L.	Абстракт без названия
			Zhukova E.	Абстракт без названия
			Khomutov E.	
			Krashakov S.	
			Shikota S.	
			Shchur L.	
<i>Санкт-Петербург</i>	2	2	Istomin V.	PAINeT: an object-oriented software package for calculation of fluid-dynamic
			Bogdanov A.	On porting of applications to new heterogeneous systems
<i>Ярославская область</i>	7	7	Preobrazhenskaia M.	Asymptotics of N-dimensional tori in the generalized Korteweg – de Vries equation
			Aleshin S.	Computational aspects of the wave distribution problem in the logistic equation with spatial deviation
			Glyzin S	Relaxation Oscillations of the Repressilator Model
			Glyzin D.	Toolkit for Interactive Simulations of Distributed Delay Differential Problems on HPC Clusters
			Goryunov V.	Invariant numerical characteristics of diffusion chaos in the problem of belousov reaction simulating
			Ivanovsky L.	Bifurcation of spatially nonuniform regimes in one boundary-value problem with deflection
			Sirotin D.	Buckling beam driven oscillations
<i>Татарстан</i>	3	3	Vasiliev A.	Modeling and simulation of a programmable quantum processing device
			Ablaev F.	Quantum Hash Functions Realization in the model of Quantum Branching Programs
			Vasiliev A.	Quantum Hashing and Small-biased Sets
<i>Омская область</i>	2	2	Prudnikov P.	Monte Carlo simulation of a non-equilibrium critical dynamics of the complex spin systems
			Prudnikov V.	Influence of different initial states on the non-equilibrium critical dynamics of 3D Ising model

<i>Нижегородская область</i>	2	2	Druzhinin O.	The study of the effects of sea-spray drops on the marine atmospheric boundary layer by direct numerical simulation
			Satanin A.	Stabilization of driven quantum systems moving under the influence of dissipation and noise
<i>Астраханская область</i>	1	1	Tarasevich Y.	2D composites with rod-like fillers: Computer simulation of electrical conductivities
<i>Ульяновская область</i>	1	1	Dyshlovenko P.	Modelling of charge stabilized colloidal crystals

Председатель организационного комитета

А.В. Белов