

**International Workshop**  
**«Spatio-Temporal Structures in Ensembles of Interacting Oscillators»**  
**(Chimera states – 2016)**

September 14–16, 2016

**Radiophysics and Nonlinear Dynamics Chair,**  
**Saratov National Research State University,**  
**Saratov, Russia**

**Program**

**September 14, Wednesday**

<b>Chairman:</b> <u>V.S. Anishchenko</u>			
10:00 – 10:10		<b>Opening Ceremony</b>	
1	10:10 – 10:50	E. Schöll TU Berlin	Chimera patterns in Van der Pol networks: Influence of fractal topologies and self-adaptive control
2	10:50 – 11:20	T.E. Vadivasova SSU, Saratov	Chimeras in a ring of linear oscillators with nonlinear local unidirectional coupling
11:20 – 11:50		<b>Coffee Break</b>	
3	11:50 – 12:20	J. Sawicki TU Berlin	Chimera states in hierarchical networks of Van der Pol oscillators
12:20 – 14:00		<b>Lunch Time</b>	

<b>Chairman:</b> <u>T.E. Vadivasova</u>			
4	14:00 – 14:40	A. Zakharova TU Berlin	Coherence-resonance chimeras: a bridge between chimera states and coherence resonance
5	14:40 – 15:10	G.V. Osipov UNN, N. Novgorod	Transient spatiotemporal patterns in a reaction-diffusion-mechanics system
16:00		<b>Excursion</b>	

## September 15, Thursday

<b>Chairman: <u>E. Schöll</u></b>			
6	10:00 – 10:40	V.S. Anishchenko SSU, Saratov	Chimera state realization in chaotic systems. The role of hyperbolicity
7	10:40 – 11:10	N.I. Semenova SSU, Saratov	Transition from synchronization to desynchronization in coupled logistic maps
11:10 – 11:40		<b>Coffee Break</b>	
8	11:40 – 12:10	G.I. Strelkova SSU, Saratov	Amplitude and phase chimera states and cross-correlations in a ring of nonlocally coupled chaotic systems
12:10 – 14:00		<b>Lunch Time</b>	

<b>Chairman: <u>G.I. Strelkova</u></b>			
9	14:00 – 14:30	L. Tumash TU Berlin	Stability analysis of long-living transient amplitude chimeras
10	14:30 – 15:00	V. Semenov SSU, Saratov	Spatio-temporal phenomena in a single time-delay system: coherence-incoherence transition and noise-induced effects
18:00		<b>Cultural Program</b>	

## September 16, Friday

<b>Chairman: <u>A.P. Chetverikov</u></b>			
11	10:00 — 10:30	A.V. Shabunin SSU, Saratov	Multistability in ensembles of phase oscillators with long-distance couplings
12	10:30 — 11:00	A.V. Slepnev SSU, Saratov	Peculiarities of chimera states formation in an ensemble of non-locally coupled Anishchenko–Astakhov self-sustained oscillators
11:00 — 11:30		<b>Coffee Break</b>	
13	11:30 — 12:00	I. Shepelev SSU, Saratov	Chimera regimes in a two-dimensional network of cubic maps with nonlocal coupling
14	12:00 — 12:30	K.S. Sergeev SSU, Saratov	Steady states and transient processes in a chain of interacting non-oscillating elements
12:30 — 14:15		<b>Discussion and Closing Ceremony</b>	
14:15 — 15:30		<b>Lunch Time</b>	
16:00		<b>Cultural Program</b>	