



ISAC-2017

1st International Seminar on Advanced Calorimetry

SCIENTIFIC PROGRAM



**19-20 October 2017
Kazan, Russia**

THE CONFERENCE ORGANIZERS

Ministry of Education and Science of the Russian Federation
Kazan (Volga region) Federal University
Laboratory of fast scanning calorimetry (KFU)

INTERNATIONAL ADVISORY BOARD

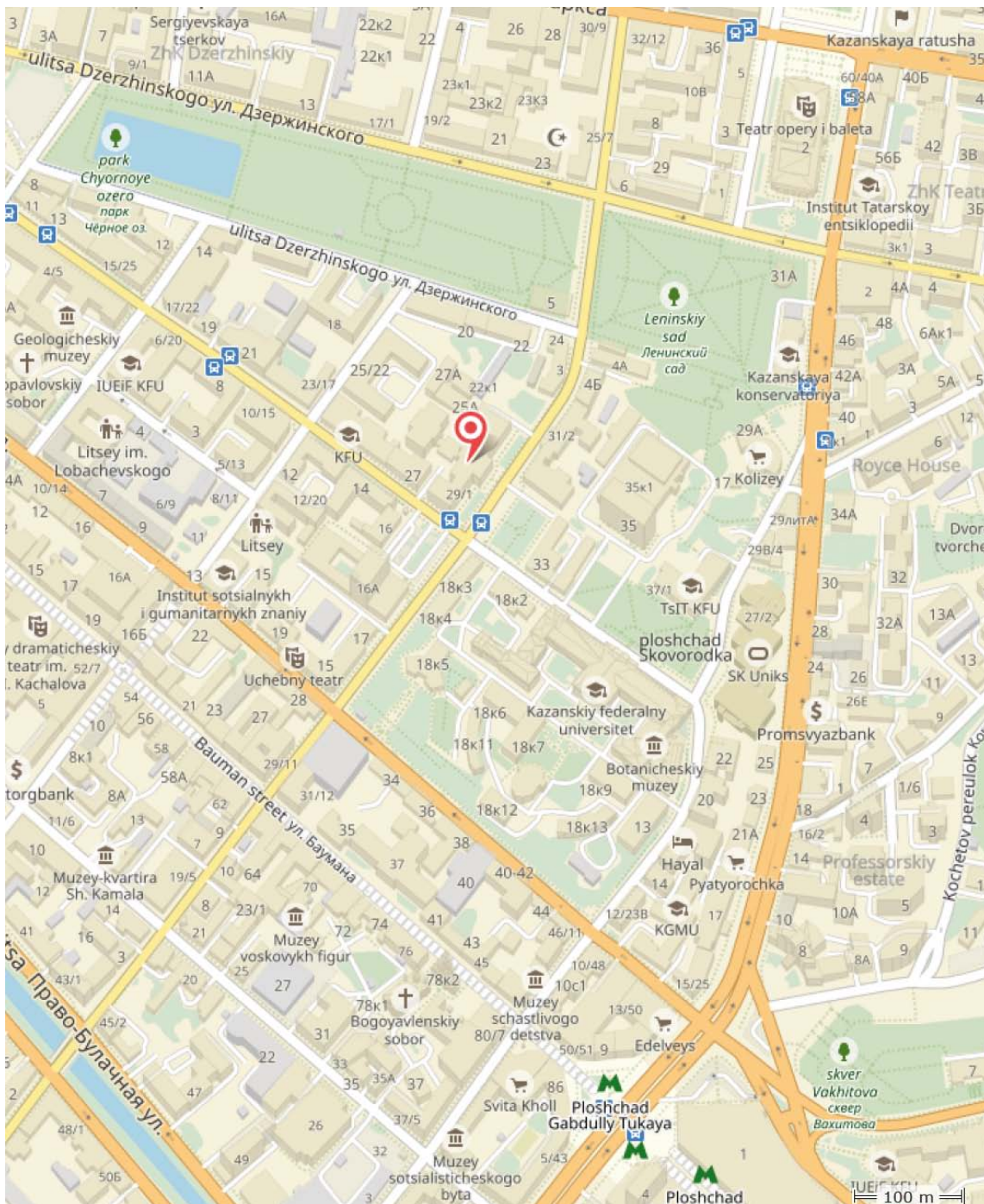
Cristoph Schick (Germany)
Boris Solomonov (Russia)
Sergey Verevkin (Germany)

LOCAL ORGANIZING COMMITTEE

Cristoph Schick – Chairman	Ruslan Nagrimanov
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Marat Ziganshin	Igor Sedov
Timur Mukhametzyanov	

October, 19	
<i>Room № 206, New building of A.M. Butlerov Chemical Institute, Lobachevskogo St. 1/29</i>	
9.00-9.45	Registration
9.45-10.00	Opening ceremony
10.00-10.40	Sergey Verevkin SOLUBILITY OF MOLECULAR AND IONIC PRECURSORS IN IONIC LIQUIDS
10.40-11.20	Boris Solomonov NEW ASPECTS IN THERMOCHEMISTRY OF SOLID-LIQUID PHASE TRANSITIONS OF ORGANIC NON-ELECTROLYTES
11.20-11.40	Coffee break
11.40-12.20	Christoph Schick THERMOPHYSICAL PROPERTIES OF THERMALLY LABILE COMPOUNDS
12.20-13.30	Lunch
<i>Room № 407, New building of A.M. Butlerov Chemical Institute, Lobachevskogo St. 1/29</i>	
13.30-14.10	Dzmitry Zaitsau STRUCTURE-PROPERTY RELATIONS IN VAPORIZATION THERMODYNAMICS: MOLECULAR LIQUIDS vs IONIC LIQUIDS
14.10-14.30	Coffee break
14.30-14.50	Igor Sedov SOLVENT EFFECT ON THE ACTIVATION ENERGY OF PROTEIN DENATURATION
14.50-15.10	Alexander Gerasimov PREPARATION, CHARACTERIZATION, AND OPTIMIZATION OF SPHERICAL MICROPARTICLES OF SOLID DISPERSION OF A HYDROPHOBIC DRUG PHENACETIN
18.00	Banquet

October, 20	
<i>Room № 407, New building of A.M. Butlerov Chemical Institute, Lobachevskogo St. 1/29</i>	
10.00-10.40	Alexander Minakov NON-EQUILIBRIUM FAST THERMAL RESPONSE OF POLYMERS
10.40-11.20	Andrey Pimerzin ACHIEVEMENTS AND CHALLENGES IN EXPERIMENTAL AND STATISTICAL THERMODYNAMICS OF ORGANIC COMPOUNDS
11.20-11.40	Coffee break
11.40-12.20	Stefano Vecchio Cipriotti FROM SURFACE TO BULK DEHYDRATION OF MATERIALS. A KINETIC PERSPECTIVE
12.20-13.30	Lunch
<i>Room № 407, New building of A.M. Butlerov Chemical Institute, Lobachevskogo St. 1/29</i>	
13.30-14.10	Valery Gorbachuk DETECTION OF SMART PROPERTIES OF CALIXARENES USING SIMULTANEOUS THERMAL ANALYSIS AND FLASH DSC
14.10-14.30	Ruslan Nagrimanov NON-ADDITIVITY IN THE SOLVATION ENTHALPIES OF SUBSTITUTED PYRAZOLES AND IMIDAZOLES AT 298 K
14.30-14.50	Coffee break
14.50-15.10	Marat Ziganshin THERMALLY INDUCED SELF-ASSEMBLY AND CYCLIZATION OF DIPEPTIDES IN SOLID STATE
15.10-15.30	Timur Mukhametzyanov LYSOZYME DENATURATION IN GLYCEROL INVESTIGATED BY FAST SCANNING CALORIMETRY
16.00	Closing ceremony



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