

# ICAAM 2014

## SECOND INTERNATIONAL CONFERENCE ON ANALYSIS AND APPLIED MATHEMATICS

11-13 September 2014

M. Auezov South Kazakhstan State University, Shymkent, Kazakhstan

### Honorary Chairs

Zhumahan Myrkhalykov, Rector of M. Auezov South Kazakhstan State University, Kazakhstan  
Şerif Ali Tekalan, Rector of Fatih University, Turkey  
İhsan Günaydın, Rector of Gumushane University, Turkey  
Vladimir Aleksandrovich Il'in, Lomonosov Moscow State University, Russia

### Chairs

Allaberen Ashyralyev, Fatih University, Turkey & ITTU, Turkmenistan  
Abdizhahan Sarsenbi, M. Auezov South Kazakhstan State University, Kazakhstan

### Co-Chairs

Ordabay Sembyev, M. Auezov South Kazakhstan State University, Kazakhstan  
Abdullah Said Erdogan, Fatih University, Turkey  
Zafer Cakir, Gumushane University, Turkey

### International Advisory Board

M. Abdel-Aty, Bahrain	R.P. Agarwal, USA	Sh. Alimov, Malaysia
N. Arslan, Turkey	R.R. Ashurov, Uzbekistan	S.V. Astashkin, Russia
F. Basar, Turkey	M. Bayram, Turkey	M. Bohner, USA
V.C. Covachev, Sultanate of Oman	M. Kirane, France	M. Klibanov, USA
I. Kucuk, UAE	I. Lubashevsky, Japan	A. Lukashov, Turkey & Russia
E. Malkowsky, Turkey & Germany	M. Mursaleen, India	Z. Nashed, USA
S. Pinelas, Portugal	S. Piskarev, Russia	R. Rautmann, Germany
R. Saadati, Iran	V.S. Serov, Finland	Y. Shestopalov, Sweden
P.E. Sobolevskii, Brazil	H.M. Srivastava, Canada	

### International Organizing Committee

A. Ahmedov, Malaysia	T. Amanbaev, Kazakhstan
A. Asanova, Kazakhstan	N. Ashyrbayev, Kazakhstan
A. Berzhanov, Kazakhstan	N. Bokaev, Kazakhstan
B. Bylalov, Azerbaijan	N. Danaev, Kazakhstan
M. Dzhenaliev, Kazakhstan	D. Dzhumabaev, Kazakhstan
N. Imanbaev, Kazakhstan	B. Ismailov, Kazakhstan
T. Kalmenov, Kazakhstan	B. Kanguzhin, Kazakhstan
K. Kenzhebaev, Kazakhstan	Y. Koseoglu, Kazakhstan
L. Krytskov, Russia	V. Kurbanov, Azerbaijan
I.S. Lomov, Russia	S. Muhammedjanov, Kazakhstan
E. Nursultanov, Kazakhstan	K. Ospanov, Kazakhstan
M. Otelbaev, Kazakhstan	M. Sadybekov, Kazakhstan
L. Tashimov, Kazakhstan	P. Terekhin, Russia
B. Turmetov, Kazakhstan	

Web page: <http://icaam-online.org>

### Topics

Spectral theory  
Approximation theory  
Operator theory  
Potential theory  
Oscillation theory  
Asymptotical methods  
Geometry of Banach spaces  
Orthogonal series  
Orthogonal polynomials  
Summability  
Statistical summability  
Statistical approximation  
Sequence spaces  
Integral equations  
Perturbation methods  
Time neural networks  
Dynamic equations on time scales  
Optimization



E-mail: [icaammail@gmail.com](mailto:icaammail@gmail.com)

Functional analysis  
Harmonic analysis  
Wavelet analysis  
Numerical functional analysis  
Computational methods in PDE  
Scientific computing  
Equations of gas and hydrodynamics  
Local and nonlocal BVP  
Nonlinear stochastic processes  
Stochastic differential equations  
Stochastic PDE and applications  
Financial mathematics  
Navier-Stokes problems  
Ill-posed problems  
Inverse problems  
Fractional differential equations  
Mathematical and computer modeling  
Modeling social and economic systems