



CONFERENCE PROGRAM

October 12, 2020

OPENING CEREMONY

Chairman: Prof. Azimbay Sadullaev, NUU National University of Uzbekistan

Venue: Zoom meeting room

TIME	SPEAKER	TITLE
12:00 – 13:00	Mr. Inomjon Majidov	Minister of Higher and Secondary Special Education of the Republic of Uzbekistan
	Mrs. Feruza Makhmudova	Ambassador Extraordinary and Plenipotentiary of the Republic of Uzbekistan to State of Israel.
	Mr. Zehavit Ben Hillel	Ambassador Extraordinary and Plenipotentiary of the State of Israel to the Republic of Uzbekistan
	Prof. Avazjon Marakhimov	Rector of NUU National University of Uzbekistan
	Prof. Eduard Yakubov	President of HIT Holon Institute of Technology

PLENARY TALKS

13:00 – 13:40	Prof. Shavkat Alimov (NUUz)	Frontier in Mathematics and Computer Science PUBLIC TALK
13:40 – 14:20	Prof. David Shoikhet (HIT, Israel)	Resolvent method for holomorphic mappings and semigroups
14:20 – 15:30	LUNCH	
15:30 – 16:10	Prof. Shavkat Ayupov (IM of Uzbek Academy)	Ring Isomorphisms of Murray-von Neumann Algebras

16:10 – 16:50	Prof. Alexander Skubachevskii (RUDN, Russia)	Mixed Boundary-Value Problem for Second Order Elliptic Differential-Difference Equations in a Cylinder
16:50 – 17:30	Prof. Mirsaid Aripov (NUUZ)	Estimates and asymptotic solutions for the generalized P-Laplacian equation of parabolic type with double nonlinearity

October 13, 2020

PARALLEL SESSIONS

09:00 – 12:00

PLENARY TALKS

Chairman: Prof. Akhtam Jalilov, Turin Polytechnic University in Tashkent

Science Secretary: Javlon Karimov, NUU National University of Uzbekistan

Venue: Zoom meeting room

TIME	SPEAKER	TITLE
13:00 – 13:40	Prof. Anatoly Golberg (HIT, Israel)	Nonlinear Beltrami equation
13:40 – 14:20	Prof. Alexander Kytmanov (SFU, Russia)	Transcendental systems of equations
14:20 – 15:00	Prof. Ravshan Ashurov (IM of Uzbek Academy)	Uniqueness and existence for inverse problem of determining an order of time-fractional derivative of subdiffusion and wave equations
15:00 – 15:30	BREAK	
15:30 – 16:10	Prof. Andrei Faminskii (RUDN, Russia)	Initial-boundary value problems on a half-strip for Zakharov-Kuznetsov equation and its generalizations
16:10 – 16:50	Prof. Abdulla Azamov (IM of Uzbek Academy)	On connectedness of the region of continuation of solutions of Pfaff systems
16:50 – 17:30	Prof. Utkir Rozikov (IM of Uzbek Academy)	Thermodynamics of DNA-RNA renaturation

October 14, 2020

PARALLEL SESSIONS

09:00 – 12:00

PLENARY TALKS

Chairman: Prof. Utkir Rozikov, Institute of Mathematics, Uzbekistan Academy of Sciences

Science Secretary: Otabek Khakimov, Institute of Mathematics, Uzbekistan Academy of Sciences

Venue: Zoom meeting room

TIME	SPEAKER	TITLE
13:00 – 13:40	Prof. Mark Agranovsky (HIT, Israel)	Integral geometry on spheres: generalized Funk-Radon transforms
13:40 – 14:20	Prof. Isroil Ikromov (Samarkand division of Institute of Mathematics Academy of Sciences)	Estimates for Fourier transform of measures supported on Fermi Surfaces
14:20 – 15:00	Prof. Jean-Claud Cuenin (Loughborough University, UK)	Weakly coupled bound states for a degenerate Schrödinger operator
15:00 – 15:30	BREAK	
15:30 – 16:10	Prof. Michael Kroyter (HIT, Israel)	The sign problem in lattice field theory: going beyond Lefschetz Thimbles
16:10 – 16:50	Mikhail Goldman (S.M.Nikol'skii Math. Institute, Russia)	Differential Properties of Generalized Bessel Potentials
16:50 – 17:30	Prof. Akhtam Jalilov (Turin Polytechnic University in Tashkent)	Invariant measures, conjugacies and renormalizations of circle maps with singularities

October 15, 2020

PARALLEL SESSIONS

09:00 – 12:00

PLENARY TALKS

Chairman: Prof. Ravshan Ashurov, Institute of Mathematics, Uzbekistan Academy

Science Secretary: Erkinjon Karimov, Institute of Mathematics, Uzbekistan Academy

Venue: Zoom meeting room

TIME	SPEAKER	TITLE
13:00 – 13:30	Prof. Gayrat Urazboev (Urgench State University)	On the Integration of the matrix modified Korteweg-de Vries equation with a source
13:30 – 14:00	Prof. Sergey Suetin (Steklov Mathematical Institute, Moscow, Russia)	TBA
14:00 – 14:30	Farid Ablayev (Kazan Federal University, Russia)	Quantum technologies in the field of information processing and cryptography
14:30 – 15:00	Prof. Vladimir Chilin (NUUz)	Almost uniform convergence in Wiener- Wintner ergodic theorem
15:00 – 15:30	Prof. Abdugappar Normanov (HUUz)	Diffeomorphisms of foliated manifolds
15:30 – 16:00	Dr. Barlikbay Prenov (Nukus Pedagogical Institute)	On the formula of multidimensional logarithmic residue
16:00 – 16:40	Dr Konstantinos Petridis (Hellenic Mediterranean University, Greece) & Co	The impact of Corona Virus to Higher Education

CLOSING CEREMONY

TIME	TITLE
16:40 –	Scientific discussions on perspective research topics. Research and education in pandemic situation. Closing.