



Institute of mathematics and mathematical modeling of CS of MES of RK

Suleyman Demirel University

Mechanical and mathematical department of Al-Farabi Kazakh National University

The program  
of scientific conference  
**“Mathematical logic and related problems of mathematics”**  
on the occasion of Bektur Baizhanov’s 70th birthday



Almaty, 2021

**International Conference**  
**«Mathematical logic and related problems  
of mathematics»**  
**on the occasion Bektur Baizhanov's  
70th birthday**

September 10, 2021  
**PROGRAM**

**Beginning: 14:00 (Almaty, GMT+6) = 08:00 (Greenwich Mean Time)**

Join a Zoom meeting:

<https://us02web.zoom.us/j/3141143903?pwd=Nk5wdzUwb2JuYjdwYkF1WUIZZlpGdz09>

Conference ID: **314 114 3903** (password: 009)

Chair: Beibut Kulpeshov

14:00 – 14:10	<p>Corr. Member <b>Makhmud Sadybekov</b>  Opening the conference  (Institute of Mathematics and Mathematical Modeling, Almaty)</p>
14:10 – 14:50	<p>Professor Emeritus <b>Bruno Poizat</b>  Fraïssé's local homomorphisms for Positive Logic  (University Lyon-1, France)</p>
15:00 – 15:40	<p>Academician <b>Iskander Taimanov</b>  Tame integrals of motion and o-minimal structures  (Sobolev Institute of Mathematics, Novosibirsk)</p>
15:50 – 16:30	<p>Professor <b>Dugald Macpherson</b>  Jordan permutation groups and treelike relational structures  (University of Leeds, UK)</p>
16:40 – 17:20	<p>Academician <b>Tynysbek Kalmenov</b>  Criterion for minimality of elliptic operators  (Institute of Mathematics and Mathematical Modeling, Almaty)</p>
17:30 – 18:00	<p>Professor <b>Viktor Verbovskiy</b>  Biography and scientific results of Bektur Baizhanov  (Satbayev University, Almaty)</p>
18:00 – 19:00	<p>Congratulations</p>
19:00 – 19:40	<p>Professor Emeritus <b>John Baldwin</b>  Fine classification of strongly minimal sets  (University of Illinois at Chicago, USA)</p>

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September 11, 2021  
**PROGRAM**

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Conference ID: **314 114 3903** (password: 009)

Chair: Viktor Verbovskiy

14:00 – 14:40	Academician <b>Askar Dzhumadildayev</b> Generalization of Novikov algebras for two variables (Suleyman Demirel University, Kaskelen)
15:00 – 15:40	PhD <b>Ross Horne</b> Logic Beyond Formulas: Generalising Logic to Graphs (University of Luxembourg)
15:50 – 16:30	Corr. Member <b>Beibut Kulpeshov</b> On almost omega-categoricity in weakly o-minimal theories (Kazakh British Technical University, Almaty)
16:40 – 17:20	Professor <b>Nurlan Dairbekov</b> Elliptic equations on stratified sets (Satbayev University, Almaty)
17:30 – 18:10	Professor <b>Sergey Sudoplatov</b> Arities of theories and their dynamics (Sobolev Institute of Mathematics, Novosibirsk State Technical University)
18:20 – 19:00	PhD <b>Manat Mustafa</b> Structural properties of Rogers semilattices (Nazarbayev University, Nur-Sultan)
19:10 – 19:50	PhD <b>Tatyana Zambarnaya</b> Constructing countable (ordered) models of a small theory over a countable set (Institute of Mathematics and Mathematical Modeling, Almaty)
19:50 – +∞	Closing the conference