



International Symposium on Knowledge, Ontology, and Theory (2024 KNOTH)

Wednesday, October 2, 2024

Novosibirsk, Time zone GMT+7

Google Meet Conference <https://meet.google.com/dij-ijpd-yvx>

12:00 – 12:15 — Gulnara E. Yakhyaeva, Olesia D. Palchunova: Entangled Fuzzy Models

12:20 – 12:35 — Ergash Yu. Akhmedov, Dmitriy E. Palchunov: Using partial models to extract emotional estimations from natural language texts

12:40 – 12:55 — Dmitry E. Palchunov, Svetlana I. Chernyavtseva: Methods for identifying and resolving contradictions in document texts

13:00 – 13:15 — Andrey V. Nechesov: Learning Theory and Knowledge Hierarchy for Artificial Intelligence Systems.

13:20 – 13:35 — Sergey S. Goncharov, Andrey V. Nechesov, Dmitriy I. Sviridenko: Programming Methodology in Turing-complete languages

13:40 – 13:55 — Valeria V. Gribova, Elena Shalfeeva: Cloud technology, infrastructure and computing for manufacturing viable XAI Systems

14:00 – 14:15 — Roman I. Kovalev, Valeriya V. Gribova, Dmitry B. Okun: Technology for developing applied medical intelligent systems for planning and monitoring treatment

14:20 – 14:35 — Valeria V. Gribova, Yuriy N. Kulchin, Alexander I. Nikitin, Ekaterina O. Kydryshova, Artem A. Basakin, Vadim A. Timchenko: Ontological foundation for the development of a decision support system in laser-based additive manufacturing

14:40 – 14:55 — Miroslav Kubelskiy, Anna Kuznetsova, Irina Leshcheva, Tatiana Gavrilova, Vladislav Shvankin: Ontology-based Approach for Research Activity Mapping

15:00 – 15:15 — Davlatyor B. Mengliev, Vladimir B. Barakhnin, Mukhriddin O. Eshkulov, Oybek T. Allamov, Bahodir B. Ibragimov, Timur A. Khudaybergenov: Development of a Legal Document Recognition Algorithm for the Karakalpak Language

15:20 – 15:35 — Davlatyor B. Mengliev, Vladimir B. Barakhnin, Barno S. Samandarova, Nargiza A. Shamieva, Umida U. Rakhmanova, Bahodir B. Ibragimov: Towards Effective Named Entity Recognition in Uzbek Medical Contexts

15:40 – 15:55 — Davlatyor B. Mengliev, Vladimir B. Barakhnin, Bobur R. Saidov, Mukhammadjon Atakhanov, Mukhriddin O. Eshkulov: A Computational Approach to Recognizing Poetry Genres in Uzbek Texts

16:00 – 16:15 — Alina Chusova, Irina Artemieva: A hybrid approach to extraction of knowledge from scientific texts based on large language models and domain dictionaries

16:20 – 16:35 — Vladimir K. Shestakov, Irina S. Kononenko, Elena A. Sidorova, Yury A. Zagorulko: Assessing Inter-Annotator Agreement On Argumentative Markup