

## Curriculum Vitae Dr. Alexandr Uciteli

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<b>Position:</b> Head of the junior research group 'Terminology- and Ontology-based Phenotyping (TOP)'
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<b>Education:</b> 2018 Dr. rer. nat., Leipzig University 2003 – 2008 Computer scientist (Diploma), Leipzig University 1992 – 1997 Teacher of mathematics and physics (Diploma), Tiraspol University
<b>Academic Career:</b> 2021 – current Head of the junior research group 'TOP', IMISE, Leipzig University 2009 – current Research associate, IMISE, Leipzig University 2008 Software developer at the Max Planck Institute for Evolutionary Anthropology, Leipzig 1996 – 1999 Teacher of mathematics at the State School No. 2, Supleja/Tiraspol
<b>Scientific focus:</b> Ontology, Phenotyping, Semantic search, Knowledge-based systems, Ontology-based software development
<b>Selected publications of the last 5 years:</b> 1. Uciteli, A., Beger, C., Wagner, J., Kirsten, T., Meineke, F.A., Stäubert, S., Löbe, M., Herre, H., 2021. Ontological modelling and FHIR Search based representation of basic eligibility criteria. <i>GMS Med Inform Biom Epidemiol.</i> <a href="https://doi.org/10.3205/MIBE000219">https://doi.org/10.3205/MIBE000219</a> 2. Uciteli, A., Beger, C., Kirsten, T., Meineke, F.A., Herre, H., 2020. Ontological representation, classification and data-driven computing of phenotypes. <i>Journal of Biomedical Semantics</i> 11, 15. <a href="https://doi.org/10.1186/s13326-020-00230-0">https://doi.org/10.1186/s13326-020-00230-0</a> 3. Uciteli, A., Beger, C., Wagner, J., Kiel, A., Meineke, F.A., Stäubert, S., Löbe, M., Hänsel, R., Schuster, J., Kirsten, T., Herre, H., 2021. Ontological Modelling and Execution of Phenotypic Queries in the Leipzig Health Atlas. <i>Stud Health Technol Inform.</i> <a href="https://doi.org/10.3233/SHTI210052">https://doi.org/10.3233/SHTI210052</a> 4. Uciteli, A., et al. 2019. Ontology-based specification and generation of search queries for post-market surveillance. <i>Journal of Biomedical Semantics</i> 10, 9. <a href="https://doi.org/10.1186/s13326-019-0203-7">https://doi.org/10.1186/s13326-019-0203-7</a>