

Viktor Valerievich Verbovskiy

Viktor Verbovskiy was born on September 1, 1973 in the city of Gorlovka, Donetsk region.

V. Verbovskiy graduated from the Kazakh State University named after Al-Farabi (KazSU, 1990–1995). His thesis “Strongly minimal locally modular Hrushovski’s theories in which no group is interpretable does not admit elimination of imaginaries” was under the supervision of senior researcher of the Institute for Problems in Informatics and Control Bektur Baizhanov, who continued his supervision during Verbovskiy’s postgraduate study.



In 2002, at the Dissertation Council of the Novosibirsk State University, he defended his candidate thesis in specialty “01.01.06 — Mathematical logic, algebra and number theory” on the topic “Properties of functions definable in structures with minimality conditions for families of formula subsets”.

In 2010, Viktor Verbovskiy defended at the Dissertation Council of the Institute of Mathematics in Almaty his dissertation for the degree of Doctor of Physical and Mathematical sciences on the topic “Methods of the stability theory in the study of ordered structures” in the same specialty.

Teaching activities. Viktor Verbovskiy worked at Suleyman Demirel University since 2004 at the Department of Mathematics and Natural Sciences as a senior lecturer, associate professor, and a head of the department (2011–2016), and partial time till now.

From 2018 till 2019, he was a professor in Kazakh British Technical University, and in 2019–2023 a professor of Satbayev University.

Work activities. Since 1996 till 2014 Viktor Verbovskiy an engineer, a junior researcher, researcher, senior researcher in the Institute for Problems in Informatics and Control. Since 2023 V. Verbovskiy has been working Deputy General Director in Institute of Mathematics and Mathematical Modeling.

Scientific and organizational activities. Has more about 40 published scientific works. Under his leadership, one PhD thesis were defended in Almaty.

Viktor Verbovskiy was in organizing committee and a lecturer of two International Summer Schools “Formal Methods and Information Technologies”, which were held on the basis of the Institute for Problems in Informatics and Control with the support of the International Institute of Software Technologies of the UN University in August 2002 and 2004.

International grants. Together with Bektur Baizhanov, Beibut Kulpeshov, Roman Arefiev, and Professor John Baldwin (USA), he twice won the grant of the American Civil Research Foundation Award KM2246 CRDF (2001–2002) and Award KM22 KZM1-2620-AL-04 CRDF 46 CRDF (2004–2006).

He won individual grant INTAS (European Union) for young scientists YSF 04-83-3042 for 2005–2007.

Verbovskiy twice was a fellow of the state scientific scholarship for talented young. He was invited as a fellow for 8 months to the International Institute of Software Technologies, United Nations University, Macao, 2001–2002.

He was a winner of the D.A. Kunaev Prize for young scientists in the field of Natural Sciences in 2005 and of Prize of the Foundation of the First President — Leader of the Nation in 2012.

Scientific interests of Viktor Verbovskiy lie in Model Theory, in particular, he considered such questions for various classes of stable, ordered complete theories, their such combination as ω -stable theory, and relative stability. He has been considering application of weak ω -minimality, coset-minimality, and ω -stability to model theory of ordered groups and fields. Also, he is interested in application of Logic to Computer Sciences, in particular, to logical languages for specification of informational reacting systems.

LIST of scientific works by Viktor Valerievich Verbovskiy

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4. Verbovskiy V. On formula depth of weakly o-minimal structures. Algebra and model theory (collection of scientific papers edited by K. Ponomarev and A. Pinus), Novosibirsk, 1997, pp. 209–224.
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 6. He J., Verbovskiy V. Integrating DC and CSP. UNU/IIST report №248.
 7. Verbovskiy V. Non-uniformly weakly o-minimal group. Algebra and model theory 3, Collection of articles (editors: A. G. Pinus and K. N. Ponomarev), Novosibirsk (2001), pp. 136–145.
 8. Verbovsky V. On the issue of elimination of imaginaries for strongly minimal Hrushovski's theories in which the group is not interpreted. Deposited in KazgosINTI on March 15, 2002, registration number 8909 - Ka 02.
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 9. Verbovskiy V., Yoneda I. CM-triviality and relational structures *Annals of Pure and Applied Logic*, V 122, 2003, С. 175–194.
 10. Belegradek O., Verbovskiy V., Wagner F., Coset-Minimal Groups *Annals of Pure and Applied Logic*, V 121, 2003, С. 113–143.
 11. Verbovsky V.V. On the elimination of quantifiers for $(\mathbb{R}, <, +, 0, \mathbb{H})$ with a distinguished dense subgroup *Mathematical Journal* (Institute of Mathematics of the Ministry of Education and Science of the Republic of Kazakhstan), volume 5, No. 2 (20), 2006, pp. 56–59.
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