

# YAROSLAV V. LAVRENYUK (Lavreniuk)

## Official address:

Mechanics and Mathematics faculty  
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## Current position:

Researcher, Deputy dean (on research).

## Research interests:

Group theory (groups generated by finite automata, weakly branch groups; locally finite groups);  
Dynamical systems (symbolic dynamics; groups and groupoids acting on the Cantor set);  
Operator algebras (algebras associated to group actions);

## Education and degrees:

1992–1997 student, Kyiv Taras Shevchenko University, Mechanics and Mathematics faculty (1994 - 1997: Algebra department).

1997 M.S. in Mathematics (with honors).

1997–2000 post-graduate student, Kyiv Taras Shevchenko University, Mechanics and Mathematics faculty, Algebra department.

2000 Ph.D. defended in Kyiv Taras Shevchenko University. Thesis title: “Level transitive automorphism groups of rooted trees”. Supervisor: Prof. Vitaliy I. Sushchansky.

## Professional career:

from 2006 Deputy dean (on research) of Mechanics and Mathematics faculty, Kyiv Taras Shevchenko University (Ukraine).

from 2004 Researcher (research fellow), Kyiv National Taras Shevchenko University, Mechanics and Mathematic faculty (Ukraine).

2001–2004 Junior researcher (junior research fellow), Kyiv National Taras Shevchenko University, Mechanics and Mathematic faculty (Ukraine).

## Research visits:

2004, April–May — Uppsala University (Sweden).

2006, September–October — Texas AM University (USA).

2007, June — Ljubljana University (Slovenia).

**Grants and Awards:**

1995, 1997 — International Soros Science Foundation grant for university students.

**Participated conferences:**

1996 — International Conference in memory of Kravchuk, (Kyiv, Ukraine).

1996 — IV International Conference “Groups and Group Rings”, (Lubin Velykyj, Ukraine).

1997 — International Conference in Algebra in Memory of Gluskin, (Slovjansk, Ukraine).

1999 — VII International Conference “Groups and Group Rings”, (Bialystok, Poland).

1999 — International Algebraic Conference, (Vinnytsya, Ukraine).

2001 — Third International Algebraic Conference in Ukraine, (Sumy, Ukraine).

2002 — International Conference in memory of Kaluzhnin, (Kyiv, Ukraine).

2002 — International Conference in memory of Grave, (Kyiv, Ukraine).

2003 — International Conference “GROUP THEORY: combinatorial, geometric, and dynamical aspects of infinite groups”, (Gaeta, Italy).

2003 — X International Conference “Groups and Group Rings”, (Ustron, Poland).

2005 — “5th International Algebraic Conference in Ukraine”, (Odessa, Ukraine).

2006 — Algebraic workshop in celebration of Prof. V.I.Sushchansky’s 60th birthday, (Kyiv, Ukraine).

2007 — “6th International Algebraic Conference in Ukraine” (Kamyanets-Podilsky, Ukraine), plenary talk.

2007 — “Classes of groups, algebras and their applications” (Gomel, Belarus).

**Seminar and Colloquium talks:**

Kyiv Taras Shevchenko University

Ljubljana University (Slovenia)

Texas AM University (USA)

**Additional experience:**

1997–2002 — Member of the organizing committee of Ukrainian Mathematical Competitions for schoolchildren (regional level).

2001–2003 — Programmer-analyst, ABBYY Ukraine software company, (Ukraine).