

Oleg Utyuzh

Soltan Institute for Nuclear Studies

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(48 22) 553-22-38

Date of birth: 24.08.72

Nationality: Ukrainian

EDUCATION

Soltan Institute for Nuclear Studies (Warsaw, Poland)

02/1997 - 02/2002

PhD degree in Theoretical Physics

Dissertation topic: *"Fluctuations, correlations and non-extensivity in high-energy collisions"*

Dissertation advisor: [Professor Grzegorz Wilk](#)

Shevchenko Kiev State University (Kiev, Ukraine)

09/1989 - 06/1994

MSc degree in Theoretical Nuclear Physics

Thesis topic: *"Resonance-like behaviour of dilepton production in nucleus-nucleus collisions"*

Thesis advisor: [Doctor Dmitri Anchishkin](#)

EXPERIENCE

Soltan Institute for Nuclear Studies (Warsaw, Poland)

Postdoctoral Fellow, Nuclear Theory Department

03/2002 - present

- Investigated influence of quantum statistics on particles production processes.
- Performed statistical analysis of experimental data by means of the methods of Information Theory.

Doctoral student, Nuclear Theory Department

02/1997 – 02/2002

- Developed Monte Carlo event generator simulating some aspects of multiparticle production in high-energy physics
- Proposed and implemented new and very promising method of numerical modelling of Bose-Einstein correlations

Bogolyubov Institute for Theoretical Physics (Kiev, Ukraine)

09/1994 – 09/1997

Research Assistant, High Energy Density Physics Department

ADDITIONAL EXPERIENCE

Soltan Institute for Nuclear Studies (Warsaw, Poland)

Flash developer/consultant, Department of Training and Consulting 09/2003 – 01/2005

- Actively participated in [NUPEX](#)® project. Implemented case-study materials by using Content Creator® ([bit-media](#)) software.
- Developed Flash animations simulating the basic processes in nuclear power plant.

Java/Web developer, Department of Training and Consulting

10/2002 – 08/2003

- Developed web-based knowledge testing system ("[samouczek](#)") based on Open Source technologies (*Java/JSP, XML, Tomcat, ...*).

COMPUTER SKILLS

Programming languages:

- | | |
|---------------------------------------|-----------|
| • Java, Fortran, JavaScript, HTML/XML | very good |
| • C#, Visual Basic | good |

Platforms:

- | | |
|----------------------------------|-----------|
| • Microsoft® Windows® 9x/2000/XP | very good |
| • Unix (Solaris, Linux) | good |

Database Management Systems:

- | | |
|-----------------------------------|-----------|
| • Microsoft® SQL Server™ 7.0/2000 | very good |
| • MySQL | good |

Technologies:

- | | |
|--------------------------------|-----------|
| • JSP/Servlets (Apache Tomcat) | very good |
| • Macromedia Flash | good |

CERTIFICATIONS

IT Academy, Physics Department, Warsaw University

10/2002 – 02/2004

Microsoft Certified Professional (MCP)

- programming of Microsoft® SQL Server™ 2000 Enterprise
- installing and administering Microsoft® Windows Server 2000
- installing and administering Microsoft® SQL Server™ 2000



2003
2003
2004

LANGUAGES

Ukrainian, Russian, Polish, English - fluently

REFERENCES

References are available upon request.