

VITA

Professor Dr. Vladimir M. GRICHINE

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Personal

Born on March 23, 1950 in Moscow, Russia. Languages: Russian, English

Education

2001 Professor at Lebedev Institute

1998 Prof. thesis (Habilitation) at Lebedev Institute "Methods of relativistic particle identification in gaseous detectors"

1989 Ph.D. at Lebedev Institute "Investigation of ionization energy losses produced by relativistic electrons in gas scintillation proportional chamber"

1973 Graduated from Moscow Physics Engineering Institute (Technical University), Honour Diploma

1967 Graduated from Special Physics Mathematics School-College, Silver Medal

Positions

2002 - today Principal Researcher at Lebedev Institute

1999 - 2002 Project Associate at CERN (GEANT4)

1997 - 1999 Leading Researcher at Lebedev Institute

1996 - 1997 Scientific Associate at CERN (GEANT4)

1989 - 1996 Senior Researcher, Head of Group at Lebedev Institute

1973 - 1989 Engineer, Researcher at Lebedev Institute

Experience and Fields of Interest

- Object-Oriented Software for simulation in High Energy Physics, Astrophysics and Medical Imaging: geometry, electro-magnetic physics, tracking in EM fields, mathematical algorithms
- Operation systems: Unix/Linux, Windows 98/NT. Programming: C++, Java, FORTRAN
- Electro-magnetic physics of relativistic particle interaction with matter. Physical processes in particle detectors