

Curriculum Vitae for Boris KHACHATUROV

Vital statistics:

Date of birth: April 30 1948
Citizenship: Israel, Russia
Residence: Israel
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Education:

1985 Ph.D. in Physics at the Laboratory of Nuclear Problems (LNP) Joint Institute for Nuclear Research (JINR), Dubna, Russia.

1972 Master degree in Dosimetry Physics from the Moscow State Engineering Physics Institute, [MEPhI, Technical University], Russia.

Languages: Native Russian, fluent English, Hebrew (Ulpan Aleph).

Operation Systems known: MS-DOS, UNIX, Linux, Windows.

Computer languages and software known: FORTRAN, C, C++, Origin, LabView.

Specialization: Detectors R&D and data analysis for the experiments in physics.

Skills: Design of experimental set-up, methods of particle detection and data analysis.

Experience:

July 2010-Feb 2011 Energetics Technologies USA, LLC, Missouri Innovation Center, Columbia MO, USA.

Position: Project Manager.

2003-2010 Energetics Technologies Ltd., Omer Industrial Park, Israel.

Position: Project Manager.

Activities: Design, assembly, test an Ultrasonic cell and measurement the energy liberation from Palladium loaded by Deuterium in the cell.

2000-2003 Weizmann Institute of Science (WIS), Israel; PHENIX, experiment at Brookhaven National Lab, Upton, USA.

Position: Research associate at Department of Particle Physics, WIS, Israel.

Activities: Design, assembly and test a threshold Cerenkov counter, trigger system and data acquisition system for Hadron Blind Detector R&D in the Weizmann Institute. Data analysis of the experiment PHENIX.

1991-1999 Nucleon-Nucleon program at Saturne II accelerator (CEA-Saclay, France) and Spin physics program at LHE JINR (Dubna, Russia).

Position: Group leader at LNP JINR, Dubna, Russia.

Activities: Management, as well as research and development functions.

1986-1991 Experiment at Inst. High Energy Physics accelerator(Serpukhov, Russia).

Position: Senior Research Associate, LNP JINR, Dubna, Russia.

Activities: R&D for Ring Image Cerenkov Counter, planing, data analysis. R&D for Scintillation Detector with the Graduated Light Source - Authors certificate on an USSR Nat.Patent N1826763 registered at the USSR state catalogue 13 Oct.1992.

1972-1985 Study of polarization phenomena at intermediate and high energies in the experiment at LNP-JINR Dubna and IHEP Serpukhov accelerators (Russia).

Positions: Probationer researcher, engineer, Research Associate, LNP JINR, Dubna, Russia.

Activities: Design and construction of Threshold beam Cerenkov counters, scintillation counters development, Neutron scintillation hodoscopes, data acquisition and data analysis.

Publications: List of publications is available:

http://inspirebeta.net/search?ln=en&ln=en&p=FIND+A+KHACHATUROV%2C+B&action_search=Search&sf=&so=d&rm=&rg=100&sc=0&of=hb

Awards: Two-year Grant (95-02-05807-a) from Russian Foundation for Basic Research, Russia, 1995-1997.