

Paris Vitaly

CURRICULUM VITAE 01.04.2015

• **Personal Details**

Name: Paris Vitaly

Date and place of birth: 27.2.1975 Belarus, (Former Soviet Union)

Military service: 11.1996-10.1999 (reserve) Air-Force

Marital status: married +2

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ACADEMIC DEGREES

2005-2010 **Ph. D.**, Mechanical Engineering, *Summa cum laude* Ben-Gurion
University of the Negev, Israel

2003-2005 **M. Sc.**, Mechanical Engineering. *Graduated cum laude.* Ben-
Gurion University of the Negev, Israel

1999-2003 **B.Sc.** Mechanical Engineering, Ben-Gurion University of the
Negev, Israel

AWARDS & DISTINCTIONS

2001 - Jackobs prize for termal sciences

2002 - Department prize for excellence.

PROFESSIONAL EXPERIENCE

Since March 2015 Researcher, Physics Dept., R&D, NRCN

2010- February 2015 Researcher, R&D Dept., Plasan Sasa Ltd.

- ✓ Applied research projects including experimental and numerical work
- ✓ Vast experience in dynamic modeling, calibration and validation of various materials models (metals, alloys, ceramics, polymers and laminates)
- ✓ Simulation of dynamic phenomena: impact, penetration, fracture, fragmentation, delamination etc.
- ✓ Design and analysis of calibration and validation experiments.

2003-2009 Teaching assistant in the Department of Mechanical Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel. Instructor of the following classes: Mechanical properties of materials, computer applications, mechanical engineering laboratory (theory of machines, mechanical properties of materials).

2002-2009 Research assistant in the Department of Mechanical Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel. Development of new experimental techniques for studying high-strain rate strength and failure of ceramics materials: Divergent impact loading using convex impactor plates; planar impact loading of samples prestressed by shrink fitting. Numerical modeling of shock-wave phenomena in solids, determination of failure characteristics and kinetics of ceramic materials.