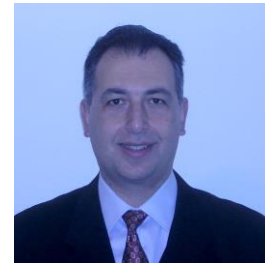


## Alexander SHARMAZANASHVILI

DS., Professor



**GENDER:** Male  
**DATE OF BIRTH:** 13 March, 1960  
**FAMILY STATUS:** Married, 2 sons

### ADDRESS:

CERN-PH Department C29000  
42-2-007  
CH-1211 Geneve 23  
Switzerland Tel: 00 41 22 76 79 1310  
email: [Lasha.Sharmazanashvili@cern.ch](mailto:Lasha.Sharmazanashvili@cern.ch)

### PROFILE:

- Project Management
- International Collaboration Management
- Scientific research activity
- Systematical approach of **Product Lifecycle Management (PLM)** system integration
- Creation of methodological basis of simultaneous engineering activity in collaborative projects
- PLM system customization

### EMPLOYMENT / INSTITUTION:

CERN - European Organization for Nuclear Research, ATLAS  
Collaboration, Geneva, Switzerland  
Title: Project Manager

### FORMATION:

	<i>Degree</i>	<i>Subject</i>	<i>Institution</i>	<i>Year</i>
•	DS Professor	Computer Science	Georgian Technical University	2005
•	PhD Docent	Automation of Production Engineering	Bauman Moscow State Technical University	1991
•	Postgraduate Research, MSc.	Automation of Production Engineering	Bauman Moscow State Technical University	1986 - 1991
•	Engineer	Production Electronics	Georgian Polytechnic Institute	1977 - 1982

## PROFESSIONAL EXPERIENCE:

- Organization: CERN - European Organization for Nuclear Research, Geneva, Switzerland  
Title: Project Manager  
2004 - Nowadays
- Organization: Georgian Academy of Sciences, Tbilisi, Georgia  
Title: Advisor of president of Georgian Academy of Science in the field of Information Technologies  
Began: 2001  
Ended: 2003
- Organization: Georgian Technical University, Tbilisi, Georgia  
Title: Head of CAD/CAM division  
Began: 1992  
Ended: 2001
- Organization: Bauman Moscow State Technical University, Moscow, Russia  
Title: Researcher  
Began: 1987  
Ended: 1991
- Organization: Georgian Polytechnic Institute, Tbilisi, Georgia  
Title: Engineer  
Began: 1982  
Ended: 1987

## RESEARCH EXPERIENCE:

- Organization: Georgian Technical University, Tbilisi, Georgia  
Activity: Responsible Scientific chair of 18 MSc dissertations  
Period: 1992 - 2013
- Organization: Manchester Metropolitan University, Manchester, UK  
Activity: Science-researcher, Department of Manufacturing Technology  
Period: 1996-1998
- Organization: Bauman Moscow State Technical University, Moscow, Russia  
Activity: Development of computational models for optimization of technological process of machining  
Period: 1987 - 1992

### **TEACHING EXPERIENCE: 1992 - 2003**

- Georgian Technical University, Faculty of Mechanical Engineering. Lecturing in CAD/CAM; CA process planning; Concurrent Engineering. (200 hours per year)
- International Black Sea University, Engineering faculty. Lecturing in CAD/CAM (150 hours per year)

### **PARTICIPATION IN INTERNATIONAL PROJECTS:**

- 2004 – Current: ATLAS Collaboration at CERN – European Organization for Nuclear Research  
Duty: Management of team of IT engineers for the development and checking of geometry descriptions of the ATLAS detector for construction and simulation
- 1996-1999: EU TEMPUS-TACIS project  
Duty: Responsible person for reconstruction of the engineering curriculum at the Georgian Technical University in the fields of CAD/CAM engineering

### **PUBLIC ACTIVITY**

- Head election commission of Georgian presidential elections on January 5, 2008 in Switzerland
- Executive director of 1st national software workshop “SofTEC’99”, Tbilisi, Georgia, June 1999
- Responsible chair of annual conferences at Georgian Technical University, “ParametricCAD”

### **PARTICIPATION IN INTERNATIONAL CONGRESSES:**

- Tools and Methods for Competitive Engineering – TMCE2012, 8<sup>th</sup> International Symposium, Karlsruhe, Germany, May 2012
- Tools and Methods for Competitive Engineering – TMCE2010, 7<sup>th</sup> International Symposium, Ancona, Italy, April 2010
- Tools and Methods for Competitive Engineering – TMCE2008, 6<sup>th</sup> International Symposium, Izmir, Turkey, April 2008
- Tools and Methods for Competitive Engineering – TMCE2004, 5<sup>th</sup> International Symposium, Lausanne, Switzerland, April 2004
- East-West-Vision – EWV2002, International Workshop and Project Festival, Graz, Austria, September 2002
- Tools and Methods for Competitive Engineering – TMCE2002, 4<sup>th</sup> International Symposium, Wuhan, P.R. China, April 2002
- Georgian Symposium for Project Development and Conversion, organized by International Science and Technology Center, Tbilisi, Georgia, May 1995
- Current Problem of Fundamental Science, Bauman Moscow State Technical University, Moscow, Russia, January 1994

- ROBOTICA'90, the International Seminar, organized by Sofia Technical University, Sozopol, Bulgaria, May 1990

**AWARDS:**

- National Prize in IT technologies, awarded by president of Georgia, 26<sup>th</sup> of May, 2010
- 1<sup>st</sup> category Diploma of 1<sup>st</sup> National software workshop SofTEC'99
- Certificate of CATIA V5 requisite standard of performance awarded by IBM Co.

**PUBLICATIONS: (LIST IN ATTACHMENT)**

23 - Articles, 15 - Conference thesis, 5 - Monographs

**LANGUAGE SKILLS:**

From 1 to 5, where

- 1 is basic pleasantries
- 2 is limited conversation
- 3 is professional dialogue
- 4 is non-native fluency
- 5 is native fluency

<i>Language</i>	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
<b>Georgian</b>	5	5	5
<b>English</b>	5	4	4
<b>Russian</b>	5	4	4
<b>French</b>	3	2	2