Curriculum Vitae

Name	Giorgi
Surname	Tavadze
Date and place of birth	6 January 1945, Tbilisi
Address:	
Work	15 A.Qazbegi Ave, 0160, Tbilisi, Ferdinand Tavadze Institute of Metallurgy and Material Science
Higher education:	
1961-1967	Faculty of Metallurgy, Georgian Polytechnical University
2001	George Marshall European Centre. Training in Questions of Security. Defence Economics, Defence Industry and the State. Garnisch-Partenkirchen, Germany
2003	Academy of Standardization, Methodology and Certification of the Russian Federation (Georgian Office). Seminar-Training in National Policy. Conferences on Standardization, Methodology and Certification
Scientific degree and title:	
1968-1971	Postgraduate at the Georgian Polytechnical Institute
1976	Candidate of Technical Sciences
1995	Doctor of Technical Sciences
2002	Professor of the Georgian Technical University
2009	Corresponding Member of the Georgian National Academy of Sciences
Positions held:	
1961-1963	Laboratory Assistant, Institute of Metallurgy, Georgian Academy of Sciences
1967-1986	Junior Research Worker, Scientific Worker, Senior Research Worker, Institute of Metallurgy, Georgian Academy of Sciences
1986-2006	Head of Laboratory, Institute of Metallurgy, Georgian Academy of Sciences
2006-2007	Acting Director of Ferdinand Tavadze Institute of Metallurgy and Material Science
2007	to the present day – Director of P.Tavadze Institute of Metallurgy and Material Science
1992-2004	Chief of the Technical Board of the Georgian Ministry of Defence
1998-2002	Head of the Central Board of Strategic Planning and Scientific-technical Studies of the General Staff of the Georgian Armed Forces
2003-2004	Head of the Centre of Studies and Technologies of the Georgian Ministry of Defence
1997-2005	Georgian National Coordinator of NATO'S Organization of Studies and Technologies
1999	Professor of the Technical University
Sphere of scientific interests:	- production and study of amorphous and fine-crystal materials from metal melt by super-rapid tempering; - production and study of A15 type metallic and high temperature ceramic superconductive materials by technology; - production and study of boron and its compounds by technology; - production and study of composition ceramic materials and functional-gradient alloys by technology; production of wares from them
Number of published works	over 140
List of principal scientific works:	
	1. Г.Ф. Тавадзе, Дж.В. Хантадзе и др. Получение пленок тугоплавких

материалов закалкой из жидкого состояния, Приборы и техника эксперимента №2, 1973г. ст. 242-243.

2. Г.Ф. Тавадзе, Р.А Хачапуридзе, Г.Ш. Дарсавелидзе и др. Механическая и электрическая релаксация в пленках бора. Сб. Кинетика и Механизмы роста нитевидных кристаллов и тонких пленок 1975 г.
3. O.Sh. Okrostsvaridze, G.F. Tavadze, R.A. Khachapuridze, N.J. Khasiya. The influence of borides on physico-chemical properties of near-eutectic Ti-B alloys. J. of Less-Common Metals 1986.
4. Г.Ф. Тавадзе, Д.Т. Бежитадзе, Т.Н. Нацвлишвили и др. Удельное электросопротивление и магнитная восприимчивость сверхпроводящего соединения Er Ba_2 Cu_3 $O_{6,69}$, синтезированного в режиме горения. Сообщения АН ГССР, 131, №1 1988 г.
5. Д.Т. Бежитадзе, Г.Ф. Тавадзе, Т.Н. Нацвлишвили и др. Влияние термической обработки на фазовый состав и сверхпроводящие характеристики соединения Er-Ba-Cu-O, полученного методом самораспространяющегося высокотемпературного синтеза. Сверхпроводимость: физика, химия, техника. Москва, Т.2, №7, 1989, с 108-111.
6. G.F. Tavadze, D.T. Bezhitadze, T.N. Natsvlishvili, V.I.Yukhvid. Nb-Al system Combustion Mechanism at Atmospheric Pressure. First International Symposium on Self-propagating High-Temperature Synthesis, Alma-Ata, 1991.
7. Nikoloz Iakobidze, Giorgi Tavadze, Avtandil Khvadagiani. Individual Ballistic Protection, NATO Force Health Protection Requirements from Pre- to Post-Deployment: Population Health for the Military. Papers Prepared for the RTO Human Factors and Medicine Panel (HFM). 7-9 April 2003. Antalya, Turkey..
8. G.F. Tavadze, O.Sh.Okrostsvaridze, Av.A.Khadagiani, O.A.Tsagareishvili Strength SHS- compact multi-phase ceramic composites. 4-ая международная конференция MEE-2006, 18-22 сентября 2006г., Крым, Украина.
9. G. Tavadze, O. Okrostsvaridze, A. Khvadagiani, D. Sakhvadze, Intensification of technological combustion in the process of synthesis of new composites SHS 2007. IX International Symposium on Self-propagating High-Temperature Synthesis Dijon, France 1-5 July, 2007
10. Д.Л. Габуния, О.А. Цагареишвили, Л.С. Чхартишвили, Г.Ф.Тавадзе. β-ромбоэдрический бор, как термоэлектрический материал (Обзор). Сборник трудов 8-ой международной научно-технической конференции ‘’Оборудование и технологии термической обработки металлов и сплавов в машиностроении’’- ОТТОМ-8 (28.05-1.06. 2007г., г. Харьков, Украина).
11. Aslamazashvili Z., Zakharov G., Tavadze G., Oniashvili G. Development of Innovative SHS Technology Coupled with Thermal Explosion for Production of Single-phase Nanocrystalline Materials of Ti-Al System. X International Symposium on Self-propagating High-Temperature Synthesis. Abstracts Book, 6-11 July,.2009; Yerevan, Armenia

Prizes and awards:

1996 Order of Vakhtang Gorgasali, 3rd Class

1998 State Prize of Georgia in the Field of Science and Technology (for strengthening the defence capacity of the country)

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