

Name	Giorgi
Surname	Kharadze
Date and place of birth	15 August 1931, v.Partskhnali, Kharagauli district
Address:	Work 6, Tamarashvili Str. 0177, E.Andronikashvili Institute of Physics, Tbilisi
Higher education:	
1954	Faculty of Physics, Tbilisi State University
Scientific degree and title:	
1961	Candidate of Physico-Mathematical Sciences
1973	Doctor of Physico-Mathematical Sciences
1979	Corresponding Member of the Georgian Academy of Sciences
1988	Academician of the Georgian Academy of Sciences
Positions held:	
1957-1961	Junior research worker, Institute of Physics, Georgian Academy of Sciences
1961-1967	Research worker of the Institute of Physics
1967-1979	Senior research worker of the Institute of Physics
1969-1988	Head of department of the theory of condensed media, Institute of Physics
1988-2006	Director of the E.Andronikashvili Institute of Physics
since 2004	Chief scientific worker of the E.Andronikashvili Institute of Physics
since 2008	Chairman of the scientific council of the E.Andronikashvili Institute of Physics
Sphere of scientific interests:	physics of condensed media; superfluidity of Fermi systems
Number of published works	92; monographs: 2; papers: 90
List of principal papers:	<ol style="list-style-type: none"> 1. G.A.Baramidze, G.A.Kharadze. "On NMR Properties of Superfluid A-like Phase in Aerogel". J.Low Temp. Phys., 150 (6/6) 710 (2008) 2. G.A.Baramidze and G.A.Kharadze. "Superfluid ^3He in Presence of Spin-Polarized Scattering Centers". J. Low Temp. Phys., 135, 399-407 (2004) 3. G.A.Baramidze and G.A.Kharadze. "Strong-coupling effects in dirty superfluid ^3He". Journal of Physics: Cond.Matt. 14. 7471-7477 (2002). 4. G.A.Kharadze and N.G.Suramlishvili. "Spin-Orbital Structure of the "Zero" Magnetization Spin-Precessing Modes of the Superfluid ^3He". J.Low Temp. Phys., 14, 539-544 (2002) 5. G.A.Baramidze and G.A.Kharadze. "Cooper Pairing in ^3He in Presence of Spin-Polarized Scattering Centers". Physical B 284/2, 305 (2000). 6. G.A.Kharadze, N.Suramlishvili. "Spin Dynamics of ^3He-B with Dissipation for the General Spin-orbit Configuration". Low Temp. Phys. (Kharkov) 23, 607-610 (1999) [(Fiz. Nizk. Temp. 25. 815-819 (1999)]. 7. G.A.Kharadze, N.Suramlishvili, V.Vachnadze. "Unconventional Coherently Precessing Spin States of Superfluid Phases of Liquid ^3He and Antiferromagnetic U_2d_2 Solid ^3He". J.Low Temp. Phys., 110, 851 (1998) 8. G.A.Kharadze, N.Suramlishvili and V.Vachnadze. "Small-amplitude Oscillations of Magnetization Accompanying Long-Lived Spin-precession". Low Temp. Phys. (Kharkov) 23, 602-605 (1997) [(Fiz. Nizk. Temp. 23. 602-605 (1997)]. 9. G.E.Volovik and G.A.Kharadze. "Decay of Non-Singular Vortex in Superfluid ^3He-A Near the Transition to A, Phase". JETP Letters 52, 419-424 (1990) {Pis'ma Zh. Eksp. Teor. Fiz. 52 (1990)}. 10. G.A. Kharadze. " Properties of Rotating Superfluid Phases of Liquid ^3He". In: "Modern Problems in Condensed Matter Sciences (Helium Three)", v. 26, p. 167 (ed. by W.P. Halperin and L.P. Pitaevskii), Elsevier Science Publ. (1990).

11. P.J.Hakonen, M.Krusius, A.D.Gongadze, G.A.Kharadze, G.E.Vachnadze, M.Salomaa, R.Salmelin, J.Simola. "Order-Parameter and Axial Magnetic Field Textures in Stationary and Rotating Superfluid $^3\text{He-B}$ ". JLTP 76, 225 (1989).
12. O.T.Ikkala, G.V.Volovik, P.J.Hakonen, Yu.M.Bunkov, S.T.Islander and G.A.Kharadze. "NMR in Rotating Superfluid $^3\text{He-B}$ ". JLTP 7 35, 416 (1982) [Pis'ma Zh.Eksp. Teor. Fiz. 35, 338 (1982)]
13. A.D.Gongadze, G.E.Gurgenidze and G.A.Kharadze. "Orienting Action of Vortices on the Directrix of Rotating $^3\text{He-B}$ ". Low Temp. Phys. (Kharkov) 7, 397 (1981) [Fiz. Nizk. Temp. 7 (1981)]
14. G.E.Gurgenishvili, G.A.Kharadze. "Hybridization of Collective Oscillations in $^3\text{He-A}$ Near the Transition to the A₁ Phase". JETP Lett. 31, 557-559 (1980) [Pis'ma Zh. Eksp. Teor. Fiz. 31 (1980)].
15. А.Гонгадзе, Г.Гургенишвили, Г.Харадзе. «К теории спиновой динамики сверхтекучего ^3He . ЖЭТФ 786 615 (1980).

Prizes, awards:

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