

Curriculum Vitae

Name	Teimuraz
Surname	Kopaleishvili
Date and place of birth	30 January 1930, Samtredia
Address:	
Work	5, University St., Physics Institute of High Energies, TSU
Higher education:	
1948-1953	State Scholarship Holder at the Faculty of Physics and Technology (later Russian Sector of Physics Faculty)
1953-1956	TSU Postgraduate
Scientific degree and title:	
1958	Candidate of Physico-Mathematical Sciences
1968	Doctor of Physico-Mathematical Sciences
1976	Awarded the title of Professor
1979	Corresponding Member of the Georgian Academy of Sciences
1993	Academician of the Georgian Academy of Sciences
Positions held:	
1961-1964	Assistant Professor at Chair of Theoretical Physics, Faculty of Physics, TSU
1964-1973	Head of Laboratory of Nuclear Physics
1973-1979	Head of the Theoretical Department of Basic Research Laboratory, High Energy Physics
1979-2006	Head of the Theoretical Department of the Institute of High Energy Physics, TSU
2007	to the present day Adviser in Science, Institute of High Energy Physics
1984-1987	(by plurality) Head of Chair of High Energy Physics, TSU Faculty of Physics
1987-2005	Professor of TSU
2008	to the present day – Chief Research Worker, Institute of High Energy Physics
Sphere of scientific interests:	Physics of the atomic nucleus and elementary particles
Number of published works	87 papers, one monograph, 3 textbooks (including one in English, which was pronounced a best-seller of 2000-2001), one book on socio-political topics
List of principal scientific works:	<ol style="list-style-type: none">1. Photonuclear reaction (γ, np) and nucleon-nucleon correlations in light nuclei. Nucl.Phys. 44 (1963), 34-43 (together with R.I.Jibuti).2. Absorption of π^- mesons and the correlation of nucleons in light nuclei. Nucl.Phys. 55 (1964), 337-349 (together with R.I.Jibuti).3. Reactions (π^+, NN) and two particle excitation of light nuclei. Phys.Lett. vol.22, n2, (1966) 181-182 (together with I.Z.Machabeli, G.Sh.Goksadze, N.B.Krupennikova).4. The π^+, NN processes on light nuclei. Nucl.Phys. vol.B1, n.6, (1967), 335-348.5. Роль эффектов перерасеяния пиона и обмена нуклонов в конечном состоянии в реакциях (π^+, NN). Письма в ЖЭТФ, т.21, вып.4 (1975), 615-618 (совместно с И.З.Мачабели, М.Ш.Чачунашвили).6. The effect of relativistic kinematics in pion-deuteron scattering. Phys.Lett. 71B (1977) 13-17 (together with A.I.Machavariani, G.A.Emelyanenko).7. Кварковая структура нуклонов и короткодействующие ядерные силы. ЯФ, т.33, вып.5 (1981), 1406-1413 (совместно с Т.Д.Бабуцидзе, И.З.Мачабели, М.Ш.Чачунашвили).

8. Low-type equations for coupled pion- 2-nucleon and nucleon-nucleon systems. Ann.Phys. v.175, n.1 (1987), 1-30 (together with A.I.Machavariani).
9. On the dynamical retardation effect for the mass spectrum of heavy quarkonia. Few-Body Systems Suppl. 8 (1995), 350-353 (together with A.Rusetsky)
10. The spin structure of the $q\bar{q}$ interaction and the mass spectra of bound $q\bar{q}$ systems: Different versions of the 3-dimensional reductions of the Bethe-Salpeter equation". Phys. Lett. B 426 (1998), 139-148 (together with T.Babutsidze, A.Rusetsky).

Books

1. Principles of Collision Theory, TSU Press (1975), 500 p.
2. Вопросы теории взаимодействия π -мезонов с ядрами (монография). ЭНЕРГО АТОМИЗДАТ, 1984, Москва, 193 стр.
3. Collision Theory (a short course) Text-book – monograph. World Scientific Singapore (1995), 204 pp (pronounced best-seller of 2000-2001)
4. A Short Course of Collision Theory, 1993, TSU, Press, 258 p.
5. With Hope in the Future, TSU Press, 1999, 251 p.

Prizes

1973 - P.Melikhishvili Prize

1977 - USSR State Prize (group)

1983 - First Prize of the Ministry of Higher Education of Georgia (with collaborators)

1988 - N.Muskhelishvili Prize

Contact telephones

(+995 32) 54 52 47 (Work)

E-mail

kopal@hepi.edu.ge