

# CURRICULUM VITAE

**Name,Surname:** Pavle Midodashvili

**Contact Information:**

**Work Address:** Ilia State University, Kakutsa Cholokashvili Ave 3/5, Tbilisi 0162, Georgia

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**Employment History:**

**Current place(s) of employment**

Workplace	Name of the work department	Position	Start Date
Ilia State University	School of Natural Sciences and Medicine	Associate Professor in Physics	2006

**Work Experience:**

Institution	Name of the department	Position	Start Date	End Date
Gori State Teaching University	Faculty of Education, Exact and Natural Sciences	Full Professor	2007	2009
Tskhinvali State University (besiki 2, Gori, 1400)	Faculty of Natural Sciences, Mathematics and Computer Technologies	Full Professor, Head of the Natural Sciences Division, Member of the Academic Council of the University	2006	2007
Tskhinvali State University (besiki 2, Gori, 1400)	Faculty of Natural Sciences	Head of Mathematics, Physics and Computer Technology Department	1992	2006
Tskhinvali State University	Department of Mathematics and Physics	Senior Lecturer	1986	1992

**Education and Scientific Degree:**

Institution (Faculty)	Speciality	Qualification	Start Date	End Date
Lomonosov Moscow State University (Faculty of Physics)	Theoretical and Mathematical Physics	Candidate of Physics and Mathematics Sciences	1983	1987
Lomonosov Moscow State University (Faculty of Physics)	Physics	Physicist	1977	1983

#### Published Articles:

1. MIDODASHVILI P. and MIDODASHVILI L., The 6D Standing Wave Braneworld with Real Scalar Field, *Braz. J. Phys.* **50** (2020) 750.
2. MIDODASHVILI P. and GOGBERASHVILI M., The LIGO Signal GW150914 within the Braneworld Scenario, *Gravitational Waves: Explorations, Insights and Detection (Physics Research and Technology)*. Nova Science Pub Inc, 2017. (ISBN: 978-1-53612-246-6). (pp.71-84).
3. MIDODASHVILI P. and GOGBERASHVILI M., Diffractions from the brane and GW150914, *EPL* **114** (2016) no.5, 50008.
4. MIDODASHVILI P. and GOGBERASHVILI M., Fermions in the 5D Gravity-Scalar Standing Wave Braneworld, *Int.J.Mod.Phys. A29* (2014) no.24, 1450141.
5. MIDODASHVILI P., GOGBERASHVILI M. and TUKHASHVILI G., New Class of N-dimensional Braneworlds, *Gen.Rel.Grav.* **46** (2014) 1697.
6. MIDODASHVILI P., Localization of Matter Fields in the 6D Standing Wave Braneworld, *Int.J.Theor.Phys.* **53** (2014) 1174-1187.
7. MIDODASHVILI P. and GOGBERASHVILI M., Gauge Fields in the 5D Gravity-Scalar Standing Wave Braneworld, *EPL* **104** (2013) no.5, 50002.
8. MIDODASHVILI P. and GOGBERASHVILI M., The 5D Standing Wave Braneworld With Real Scalar Field, *Adv.High Energy Phys.* 2013 (2013) 873686.
9. MIDODASHVILI P. and GOGBERASHVILI M., Some Experimental Signatures of the Standing Wave Braneworld, *Proceedings of the Seventh International Conference "Physics in the LHC era"*, 14-18 October 2013, Tbilisi;
10. MIDODASHVILI P. , GOGBERASHVILI M. and MIDODASHVILI L., Localization Problem in the 5D Standing Wave Braneworld, *Int.J.Mod.Phys. D*, **21** (2012) 1250081.
11. MIDODASHVILI P. , GOGBERASHVILI M. and MIDODASHVILI L., Localization of gauge bosons in the 5D standing wave braneworld, *Phys.Lett. B*, **707** (2012) 169 .
12. MIDODASHVILI P. , GOGBERASHVILI M. and MIDODASHVILI L., Massless fermions in the standing wave braneworld, *arXiv : 1109.3758 [hep-th]* (2011).

13. MIDODASHVILI P. , GOGBERASHVILI M. and MIDODASHVILI L., Localization of scalar and tensor fields in the standing wave braneworld with increasing warp factor, *Phys.Lett. B*, 702 (2011) 276.
14. MIDODASHVILI P. , MIDODASHVILI B. and MIDODASHVILI L., Genetic Algorithm and University Timetable problem, *Transactions. Automated Control Systems*. #1 (2011) 341.
15. MIDODASHVILI P. , MIDODASHVILI B. and MIDODASHVILI L., Program for Teaching Process Management in an University, *Transactions. Automated Control Systems*. #1 (2011) 344.
16. MIDODASHVILI P. and MIDODASHVILI L., New 3-Brane Solutions in 5D Spacetime, *arXiv : 1010.3853 [hep-th]* (2010).
17. MIDODASHVILI P., Physics of quantum computation and light sheet concept in the measurement of (4+n)-dimensional spacetime geometry, *EPL*, **83** (2008) 50004.
18. MIDODASHVILI P., GOGBERASHVILI M. and SINGLETON D., Fermion Generations from 'Apple-Shaped' Extra Dimensions, *JHEP*, **0708** (2007) 033.

**Participation in Scientific Conferences:**

1. P. Midodashvili ,“Gravitational Localization of Gauge Fields in 6D Standing Wave Braneworld”. The Tenth International Scientific Conference – “Internationalization of Higher Education: Challenges and Perspectives”, Gori State Teaching University, November 17-18, 2017, Gori, Georgia.
2. Midodashvili P. and Midodashvili L., “Dimensional Reduction in Standing Wave Braneworlds”. The Ninth International Scientific Conference - “Management of Education: Current Challenges and Development Perspectives”. Gori State Teaching University, November 18-19, 2016, Gori, Georgia.
3. Midodashvili P., “ KK Mass Spectrum of Scalar Fields in the 6D Standing Wave Braneworld with Real Scalar Field”. The Seventh International Conference “Education, Economy and Sustainable Development”. Gori State Teaching University, November 28-29, 2014, Gori, Georgia.
4. Midodashvili P. and Gogberashvili M., “Some experimental signatures of the Standing Wave Braneworld". Conference on Future Perspectives in High-Energy Physics 2013 - "Physics in the LHC era", October 13-19, 2013, TSU, Tbilisi, Georgia.
5. Midodashvili P. and Midodashvili L., “Standing Wave Braneworld Generated by Phantom-like Scalar Field in 6D”. Sixth Annual International Conference “Modern Challenges of Education”, November 15-16, 2013, GSTU, Gori, Georgia.
6. Midodashvili P., “5D Standing Wave Braneworld with Real Scalar Field”. Sixth Annual International Conference “Modern Challenges of Education”, November 15-16, 2013, GSTU, Gori, Georgia.
7. Midodashvili P., “Matter Fields in the Standing Wave Braneworld”. International Conference "New Trends in Education: Research and Development", 2011, Gori State University, Gori, Georgia.

**Grants received for scientific projects:**

1. Shota Rustaveli National Science Foundation, #GNSF/ST09\_798\_4-100; “Some Problems of Astroparticle Physics in Context of Brane Models”; 01.01.2010- 01.01.2012; Project Manager.

**Knowledge of Languages (write in the appropriate boxes: well, satisfactorily, poorly):**

Language	Reading	Writing	Speaking
Georgian	well	well	well
English	well	well	well
Russian	well	well	well