

# Giorgi Baghaturia

## Personal Information

Name Surname: **Giorgi Baghaturia**  
Date of Birth: 1976-04-05  
Sex: Male  
Citizenship: Georgian  
Phone: 995  
Email: [gi.baghaturia@gtu.ge](mailto:gi.baghaturia@gtu.ge)



## Education

Academic Degree: Ph.D./Equivalent to Ph.D  
Educational Institution: Georgian Technical University  
Qualification: Mathematician  
Date of grant: 2008-11-03  
Country: Georgia

Academic Degree: Master's/Equivalent to Master's  
Educational Institution: Georgian Technical University  
Qualification: Mathematician  
Date of grant: 2000-02-25  
Country: Georgia

Academic Degree: Bachelor  
Educational Institution: Georgian Technical University  
Qualification: Mathematician  
Date of grant: 1997-12-22  
Country: Georgia

## Work Experience

Organization: International Black Sea University  
Structural Unit: School of Computer Science and Architecture  
Position: Invited Lecturer  
Date of commencement of work: 2021-03-22  
Date of completion of work: 2023-12-31

Organization: Muskhelishvili Institute of Computational Mathematics  
Structural Unit: Department of Mathematical Modelling  
Position: Senior Researcher

Date of commencement of work: 2011-07-11  
Date of completion of work: 2023-12-31

---

Organization: Georgian Technical University  
Structural Unit: Department of Mathematics  
Position: Invited Professor  
Date of commencement of work: 2011-07-11  
Date of completion of work: 2020-07-25

---

Organization: International School  
Structural Unit: Department of Mathematics  
Position: Teacher  
Date of commencement of work: 2004-09-01  
Date of completion of work: 2008-07-25

---

Organization: Georgian Technical University  
Structural Unit: Department of Mathematics  
Position: Invited Associate Professor  
Date of commencement of work: 2004-09-01  
Date of completion of work: 2013-03-22

---

## Scientific Productivity

### Scopus

Cited Index: 1  
H Index: 1

### Google scholar

Cited Index: 5  
H Index: 1

## Conference, Symposium, Award

- 2013-11-01 - ABCDE 3rd seminar for Post-Doctors, Athens (Greece). Review presentation about Scientific activity.
- 2014-06-27 - Krakow (Poland), University of Science and Technology, 7th Symposium on Integrable Systems. On Integrability of Hydrodynamic Type of Equations. Z. Peradzynski, G. Baghaturia.
- 2017-09-06 - Baghaturia Giorgi, Menteshashvili Marina. Non-linear versions of Characteristic Problems for the Second Order PDEs of Mixed Type. Book of Abstracts, VII International Conference of the Georgian Mathematical Union, 2017. Batumi, p. 62.
- 2019-07-12 - Guram Baghaturia, Giorgi Baghaturia. Title of Presentation: Non-stationary Anti-plane problem of crack propagation in elastic strip. IX Annual International conference of the Georgian Mechanical Union. Book of Abstracts page 10. Kutaisi.
- 2018-09-05 - IX International Conference of Georgian Mathematical Union 3-7 September, Batumi, G.Baghaturia, M.Menteshashvili. Non-classical problems for second order quasi-linear

equations with rectilinear characteristics

- 2019-07-05 - G. Baghaturia, Z.Peradzynski. Involutive exterior Differential Systems and Nonlinear superposition of Solutions.16th Conference “Mathematics in Technical and Natural Sciences” Kościelisko, [http://www.mtns.agh.edu.pl/Agenda\\_16thMTNS.pdf](http://www.mtns.agh.edu.pl/Agenda_16thMTNS.pdf)
- 2019-07-05 - G. Baghaturia, M.Menteshashvili. General Integrals and Inverse Problems for the Second Order Quasi-Linear Equations of Mixed Type. 16th Conference “Mathematics in Technical and Natural Sciences” Kościelisko, [http://www.mtns.agh.edu.pl/Agenda\\_16thMTNS.pdf](http://www.mtns.agh.edu.pl/Agenda_16thMTNS.pdf)
- 2020-08-28 - G. Baghaturia, M.Menteshashvili. Direct and inverse Cauchy problems for second-order equations of mixed type. XI Annual International Meeting of the Georgian Mechanical Union, Batumi, 2020.
- 2021-08-25 - Giorgi Baghaturia, Marina Menteshashvili, Inverse Problems and Their Discrete Analogs for the Second Order Quasi-Linear Equations of Mixed Type . XI Annual International Conference of the Georgian Mathematical Union, Batumi
- 2021-09-11 - Giorgi Baghaturia, Marina Menteshashvili, Inverse problems for the second order equations of mixed type. XII Annual International Meeting of the Georgian Mechanical Union, Kutaisi.
- 2021-06-20 - Giorgi Baghaturia. Some problems for partial differential equations of mixed type. 9th international workshop on Surface engineering and 5th international workshop on applied and sustainable engineering, Koszalin University of Technology, Poland.
- 2021-08-23 - Z.Peradzynski, G. Baghaturia, Double Waves and Yanenko Equation. Analytical and Numerical Methods in Differential Equations . A virtual conference on occasion of the 100th birthday of Academician Nikolai N. Yanenko.
- 2022-08-26 - G. Baghaturia, M. Menteshashvili. „On a Cauchy problem with closed support of data“. XIII Annual International Meeting of the Georgian Mechanical Union. Batumi
- 2022-09-03 - G. Baghaturia, M. Menteshashvili. „On a Cauchy Problem with Closed Support of Data and its Discrete Analogue“ . XII International Conference of the Georgian Mathematical Union, Batumi.
- 2023-09-04 - 3. Baghaturia Giorgi, Menteshashvili Marine. On an Algorithm of Numerical Solution for Non-linear Goursat Problem. XIII Annual International Meeting of the Georgian Mathematical Union. Batumi.

## Languages

- Georgian
- Russian
- English
- Polish