

**Niko Muskhelishvili Institute of Computational Mathematics of Georgian Technical  
University**

**Total quantitative indicators by the faculties and the departments**

**5. Scientific-research, practical activities**

- Ph.D degree — 11
- Degree of Candidate of Sciences— 17
- Doctor's academic degree— 3

5.1. Results of scientific-research and practical activities (**Grant, project, contract and other, including personal initiative, list the last four years**)

- **Grants of Georgia:**

2017 — 1

2016 — 1

2015 — 2

2014 — 3

**Note:** Statistics are given by years, most of the grant projects are repeated from year to year.

- **Georgian Technical University Grants:**

- **International grants**

2017 — 1

2016 — 3

2015 — 3

2014 — 4

- **Projects(Budgetary topics)**

2017 — 1

2016 — 1

2015 — 1

2014 — 1

**Note:**In this year the institute finished 3 year project. Each year they used to complete annual stages of the project (various).

- Translation activity

## 6. Other activities of the competitor, achievements, qualifications, experience and merit

### 6.1. Publications\*:

Name	Quantity	
	From 2006 till 2012	2013-2017 YY
Monographs	1	4
Scientific articles	198	114
Manuals, supporting textbooks, other educational and methodology measures and literature	6	4
Participation in conferences (congresses, symposiums)	131	122
Management of Master Degree (Qualification) Papers, Consultancy:		
<ul style="list-style-type: none"> <li>• Doctor of Science (3)</li> <li>• Candidate of Sciences (10)</li> <li>• Doctor's academic degree (12)</li> <li>• Master degree (7)</li> </ul>		
Leadership of Winner / Presented Student Report on Conferences		
Inventions (copyright certificates or patents)	Total number	
	Including sold one (introduced)	

Note: Statistics from 2006.

### 6.2. Other activities\*

- Member of the Georgian National Academy of Sciences / Member Correspondent
- Membership of other sectoral academies
  1. A true member of the Engineering Academy of Georgia (2).
- Membership of foreign academies
  1. Experience in editorial collegium:
    1. Mathematical Reviews da Zentralblatt Reviews; Reviewer(4);
    2. Magazine Math. Sci. Springer; Reviewer;
    3. "Applied Mathematics, Informatics and mechanics", Chief Editor of Tbilisi State University (<http://www.viam.science.tsu.ge/Ami/Main.htm>);
    4. Electronic Scientific Journal: "Computer Sciences and Telecommunications"(ISSN 1512-1232), Editor, editorial board member, <http://gesj.internet-academy.org.ge/> (2);

5. Magazine "Georgian Mathematical Journal", a member of the Editorial Board, <https://www.degruyter.com/view/j/gmj>;
6. Magazine "BULLETIN OF TICMI", Tbilisi State University, Member of Editorial Board, <http://www.viam.science.tsu.ge/others/ticmi/blt/editorialboard.htm>;
7. Magazine "Reports of Enlarged Session of the Vicua Institute of Applied Mathematics" Tbilisi State University, Member of the Editorial Board, [http://www.viam.science.tsu.ge/en\\_ses.htm](http://www.viam.science.tsu.ge/en_ses.htm).

- **Membership Organizing-Program Committee:**

1. International scientific conference devoted to the 80<sup>th</sup> anniversary of academician I.V. Prangishvili "Information and Computer Technologies, Modelling, Control", Georgian Technical University, November 1-4, 2010, Tbilisi, Georgia;
2. International Conference on "Mechanisms of Continuous Environment and Relative Issues of Analysis". Dedicated to the 70th anniversary of the Georgian National Academy of Sciences and its first president, Academician N. 120th anniversary of Muskhelishvili's birthday, 9-14 September, 2011, Tbilisi.
3. International School and Workshop "Modern Algebra and its Applications" September 19-25, 2011, Batumi, Georgia;
4. 3th Annual International Conference of Georgian Mathematical Union, Batumi, Georgia, 2-9 September, 2012;
5. International Conference Groups, Differential Equations and Geometry (Batumi, 10-22 June, 2013) "Scientific Committee (2);
6. Chairman of Giorgi Nikoladze Award Committee for Young Mathematicians, introduced by Georgian Mathematical Union;
7. Congress of Mathematical Union of Georgia (Tbilisi, November 2, 2013);
8. The International Scientific Conference Dedicated to Academician I. Prangishvili's 85th Anniversary "Information and Computer Technologies, Modelling, Control", November 3-5, 2015, Tbilisi, Georgia.
9. South Caucasus Computing and (SCCTW'2016), Tbilisi, Georgia, 3-7 October, 2016;
10. VIII International Conference of Georgian Mathematical Union, September 4-8, 2017, Batumi, Georgia - Scientific Committee member, Head of Section;
11. The Third International Conference on Applications of Mathematics and Informatics in Natural Sciences and Engineering Dedicated to the 80th Birthday of David Gordeziani, AMINSE 2017, December 6-9, Member of the Scientific Committee;

- **Improvement of qualifications (trainings, workshops and other):**

1. 2010-2012 "Re-creation and Building of Capacities in Georgian ICT Research Institutes", FP7 Capacities Work programme 2010, INCO.2010-6.1: Eastern Europe and Caucasus - Training series within the framework of the EU funded project;
2. # 266155, GEO-RECAP Project, Event Networking Event, Organizing in Budapest, Hungary, 4-6 May, 2011;
3. # 266155, GEO-RECAP Project, Event Training & Strategy Meeting Organizing, GT, Tbilisi, 18-20 June, 2011.

- **Awards (National / State / Field Award, Order, Medal, etc.)**

1. H. Meladze was awarded at the Ukrainian Congress of Mathematics. Bogolibubov medal "За високий рівень наукових результатів в галузі математично науки", 2009.
2. Order of Honor. Certificate # 07179. Order # 21/06/01 of 21 June 2013 of the President of Georgia.
3. Niko Muskhelishvili Award of Academy of Sciences of Georgia, 2003

- **Comercialización of scientific and research activities**

- **Competitions, including International**
- **Other activities, achievement, qualification, experience and merit:**
  1. G. Chelidze - 2007, academician. Vekua Award for Young Scientists in Mathematics, Informatics and Computer Technologies;
  2. G. Chelidze- The President's 2007 Scholarship for Young Scientists.
  3. G. Chelidze- Leader of Georgian team at Mathematical International Olympiad (18-28 July, 2013, Santamarta, Colombia)

**International Conferences, Workshops, Trainings, arranged by the Research Institute.**  
**(List the last four years, set the name and date of arrangement)**

1. 2015, 9 - 18 September, Batumi, International Conference “2nd Georgian – Czech – Italian – Hungarian Conference and Workshop Lie Groups, Differential Equations and Geometry – Supported by Marie Curie International Research Staff Exchange Scheme Grant FP7 – PEOPLE – 2012 – IRSES – 317721” (xelmZRvaneli a. IaSxi)
2. 2016, 3-7 Conference, International workshop "South Caucasus Computing and Technology Workshop 2016 (SCCTW'2016)". Organizers: European Organization for Nuclear Research (CERN), Technical Univesrity of Georgia and Niko Muskhelishvili Institute of Computational Mathematics <https://indico.cern.ch/event/572800/>