

# Giorgi Gigineishvili

## Personal Information

Name Surname: **Giorgi Gigineishvili**  
Date of Birth: 1963-08-07  
Sex: Male  
Citizenship: Georgian  
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## Education

Academic Degree: Ph.D./Equivalent to Ph.D  
Educational Institution: Georgian Technical University  
Qualification: PhD in Theoretical Basics of Heat Transfer  
Date of grant: 2003-11-29  
Country: Georgia

Academic Degree: Master's/Equivalent to Master's  
Educational Institution: Georgian Polytechnic Institute  
Qualification: Industrial Thermal Power Engineer  
Date of grant: 1986-06-20  
Country: Georgia

## Work Experience

Organization: Georgian Technical University  
Structural Unit: Faculty of Power Engineering  
Position: Professor  
Date of commencement of work: 2021-10-02  
Date of completion of work: till today

Organization: Georgian Technical University  
Structural Unit: A. Eliashvili Institute of Management Systems of GTU  
Position: Senior Researcher (part time)  
Date of commencement of work: 2018-05-15  
Date of completion of work: till today

Organization: Georgian Technical University  
Structural Unit: Faculty of Power Engineering and Telecommunication  
Position: Associate Professor

Date of commencement of work: 2009-09-10  
Date of completion of work: 2021-10-02

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Organization: Georgian Technical University  
Structural Unit: Faculty of Power Engineering and Telecommunication  
Position: Assistant Professor  
Date of commencement of work: 2006-09-01  
Date of completion of work: 2009-10-02

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Organization: Georgian Technical University  
Structural Unit: Faculty of Power Engineering and Telecommunication  
Position: Chief of School Laboratory  
Date of commencement of work: 1996-02-16  
Date of completion of work: 2006-09-01

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Organization: Georgian Technical University  
Structural Unit: Research Laboratory at the Chair of General Physics and Thermal Physics of Faculty of Power Engineering  
Position: Researcher  
Date of commencement of work: 1990-11-01  
Date of completion of work: 1996-02-16

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## Qualification Raising

### Trainings

Organization: Georgian Technical University  
Subject: Computer skills and Google services  
Country: Georgia  
Date: 2023-03-10

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Organization: German Society for International Cooperation (GIZ) GmbH  
Subject: Solar Panel Installation  
Country: Georgia  
Date: 2022-09-28

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Organization: EU4Environment; Energy Efficiency Center (EEC) Georgia  
Subject: Resource Efficient and Cleaner Production (RECP)  
Country: Georgia  
Date: 2022-02-08

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Organization:	ABET; San Diego State University
Subject:	Fundamentals of Program Assessment; Professional Development
Country:	USA
Date:	2018-04-12
Organization:	"HERZ" Company
Subject:	Hydraulic calculation of HVAC systems and heat losses calculation of compartments and buildings (software HERZ CO 3.6 and software HERZ OZC 3.0)
Country:	Ukraine
Date:	2013-02-08
Organization:	GTU; Iowa State University, USA
Subject:	Full course in Modern Teaching, Learning and Assessment Methodology
Country:	Georgia
Date:	2009-03-01
Organization:	GTU; Energy Efficiency Center Georgia; ENSI-International (The Kingdom of Norway)
Subject:	Full course in "Energy Auditing of Buildings"
Country:	Georgia
Date:	2006-04-04

### Seminar

Organization:	"HERZ" Company
Subject:	HERZ products in the modern HVAC systems
Country:	Georgia
Date:	2014-09-22

## Projects & Grants

Name of the project/grant:	Experimental Investigation of the Effect of Artificial Roughness on Heat Transfer to Falling Water Film on the Outer Surface of the Vertical Tube - Grant No FR-19-3034
Position:	Researcher
Donor:	Shota Rustaveli National Science Foundation of Georgia
Leader Organization:	Georgian Technical University
Start   End Date:	2020-03-09 - 2023-03-09

Name of the project/grant: EU4Environment Project - "Circular economy and new opportunities - resource-efficient, clean production and eco-innovation for small and medium-sized enterprises"

Position: An Expert

Donor: European Union for Georgia

Leader Organization: Energy Efficiency Center (EEC) Georgia

Start | End Date: 2020-02-11 - 2022-02-08

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Name of the project/grant: 4th component of DANIDA - "Development of regulations for the electric power system"

Position: An Expert

Donor: Danish company - NIRAS

Leader Organization: Sustainable Development and Policy Center - SDAP Center

Start | End Date: 2015-10-05 - 2016-12-12

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Name of the project/grant: Thermal-Powered Diaphragm Pump for Autonomous Solar Water Heating System: Development of Pre-Production Model - Grant No AR/222/3- 171/14

Position: Leading Researcher

Donor: Shota Rustaveli National Science Foundation of Georgia

Leader Organization: Georgian Technical University

Start | End Date: 2015-04-28 - 2017-04-27

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Name of the project/grant: Purchase of High Speed Camera (with Accessories and Software) - Grant agreement No 41/09

Position: Principal Investigator

Donor: Shota Rustaveli National Science Foundation of Georgia

Leader Organization: Georgian Technical University

Start | End Date: 2013-12-12 - 2016-03-30

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Name of the project/grant: Experimental study of boiling heat transfer multifactoring on down-facing surface - Grant No GNSF/ST08/7-495

Position: Project Manager

Donor: Georgian National Science Foundation

Leader Organization: Georgian Technical University

Start | End Date: 2009-03-01 - 2011-02-28

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## Scientific Productivity

Scopus

Cited Index: 3

H Index: 1

[Google scholar](#)

Cited Index: 5

H Index: 1

## Leadership of educational programs

### Conference, Symposium, Award

- 2023-03-28 - 8th Thermal and Fluids Engineering Conference (TFEC), University of Maryland, College Park, MD, USA
- 2022-06-08 - The 9th International Conference on Fluid Flow, Heat and Mass Transfer (FFHMT'22), Niagara Falls, Canada
- 2020-05-18 - 16th Minsk International Forum on Heat Transfer
- 2021-06-07 - III International Scientific and Technological Conference - "Modern problems of power engineering and ways of solving them", Tbilisi, Georgia
- 2019-10-07 - I International Scientific and Technological Conference - "Modern problems of power engineering and ways of solving them", Tbilisi, Georgia
- 2018-04-12 - ABET (Accreditation Board for Engineering and Technology) Symposium, San Diego, USA
- 2017-04-04 - The 2nd Thermal and Fluid Engineering Conference (TFEC 2017), Las Vegas, NV, USA
- 2016-10-29 - IV International Scientific Conference - "Energy: Regional Problems and Development Opportunities", Kutaisi, Georgia
- 2015-12-03 - International Conference of Solar Heating and Cooling for Buildings and Industry (SHC 2015), Istanbul, Turkey
- 2013-05-25 - II International Scientific Conference - "Energy: Regional Problems and Development Opportunities", Kutaisi, Georgia
- 2012-09-20 - The International Scientific Conference Dedicated to the 90th Anniversary of Georgian Technical University - Basic Paradigms in Science and Technology Development, Tbilisi, Georgia
- 2010-08-08 - The 14th International Heat Transfer Conference, IHTC14, Washington, DC, USA
- 2009-10-17 - The 9th International Conference on Power Systems, High Voltages and Electric Machines (WSEAS/IASME), Genoa, Italy
- 2005-08-20 - The 3rd International Conference on Heat Transfer, Thermal Engineering and Environment, Corfu Island, Greece
- 2023-10-17 - Certificate of honor from GTU

### Languages

- Georgian

- English
- Russian