

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: A. Eliashvili Institute of Control Systems of the Georgian Technical University
Structural Unit: V. Gomelauri Department of Power System Structure and Optimization of Power Installations
Position: Chief Researcher (part time)
Date of commencement of work: 2025-01-01
Date of completion of work: till today

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: A. Eliashvili Institute of Control Systems of the Georgian Technical University

Structural Unit: V. Gomelauri Department of Power System
Structure and Optimization of Power Installations
Position: Senior Researcher (part time)
Date of commencement of work: 2018-05-15
Date of completion of work: 2025-01-01

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

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

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

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

Qualification Raising

Trainings

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

Organization: German Society for International Cooperation
(GIZ) GmbH

Subject: Solar Panel Installation
Country: Georgia
Date: 2022-09-28

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

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: German Organization - "Solar universities" ideas
into energy gGmbH
Subject: "Photovoltaics as a Crucial Component of
Renewable Energy - Ensuring Reliable and
Sustainable Energy Supply"
Country: Georgia
Date: 2025-06-04

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

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

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

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

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

Scientific Productivity

Scopus

Cited Index: 3
H Index: 1

Google scholar

Cited Index: 5
H Index: 1

Leadership of educational programs

Masters Educational Program "Energy and Electrical Engineering"

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
- 2024-10-18 - 1st International Congress on Energy Systems Engineering. INESEC 2024. Kutaisi, Georgia

Languages

- Georgian
- English
- Russian