

Tamar Berberashvili

Personal Information

Name Surname: **Tamar Berberashvili**
Date of Birth: 1969-06-11
Sex: Female
Citizenship: Georgian
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Education

Academic Degree: Bachelor
Educational Institution: Georgian Technical University
Qualification: Engineering Physicist
Date of grant: 1986-06-30
Country: Georgia

Qualification Raising

Trainings

Organization: EU program
Subject: ERASMUS + International Mobility Program
Country: Georgia
Date: 2025-02-01

Organization: The Ministry of Education, Science, and Youth of Georgia
Subject: AI Bootcamp for Research Managers
Country: Georgia
Date: 2024-02-01

Organization: Kutaisi International University
Subject: Teaching and assessment methods in higher education
Country: Georgia
Date: 2023-03-04

Organization: Global Service Facility of the EC
Subject: Horizon Europe NCP Training for Georgia
Country: Georgia
Date: 2023-02-06

Organization: Erasmus+
Subject: Skillman`s Expert of Moility
Country: Italy
Date: 2022-02-07

Organization: EU
Subject: International training "Participating in the EU Framework Programme for Research and Innovation (Horizon Europe) - Practical aspects"
Country: Georgia
Date: 2021-12-14

Organization: University of Athens
Subject: ERASMUS + international credit mobility program
Country: Greece
Date: 2017-10-16

Seminar

Organization: The Ministry of Education, Science, and Youth of Georgia
Subject: Research to Reality - Digital Solutions to European Challenges
Country: Georgia
Date: 2024-02-01

Organization: Paris-Sacless University
Subject: he role of vibrational spectroscopy in the future
Country: Georgia
Date: 2022-05-25

Projects & Grants

Name of the project/grant: Start Date Donor CA21128 - PROton BORon
Nuclear fusion: from energy production to medical applicatiOns (PROBONO)
Position: WG 5 Member
Donor: EU Research and Innovation programme
Leader Organization: CELIA - Centre Lasers Intenses et Applications
Université de Bordeaux, France
Start | End Date: 2022-10-24 - 2026-10-24

Name of the project/grant: SP-21-149. Publishing State Scientific Grant. nAs-Inp semiconductor alloys
Position: coordinator
Donor: SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA

Leader Organization: Institute of Metallurgy
Start | End Date: 2021-01-01 - 2021-12-31

Name of the project/grant: Development of Energy Management System (EMS) by Smart Controller for Connecting Microgenerators to the Electrical Distribution Network and Consumers
Position: Leader
Donor: SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA
Leader Organization: Georgian Technical University
Start | End Date: 2020-07-31 - 2021-10-30

Name of the project/grant: Development of new method of optical spectrometry of viruses (SPECTROVIR -1)
Position: Researcher
Donor: SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA
Leader Organization: Georgian Technical University
Start | End Date: 2020-07-31 - 2021-07-30

Name of the project/grant: Deployment of Societally Beneficial Nano- and Material Technologies in European Partnership Countries (NANOMAT-EPC)
Position: Researcher
Donor: EU Research and Innovation programme
Leader Organization: Georgian Technical University
Start | End Date: 2013-11-01 - 2015-11-02

Name of the project/grant: Reinforcing cooperation with Eastern Partnership countries on bridging the gap between research and innovation for inclusive and secure societies (SECURE-R2I)
Position: Researcher
Donor: EU Research and Innovation programme
Leader Organization: Georgian Technical University
Start | End Date: 2013-11-01 - 2016-11-01

Name of the project/grant: Role of Commodities in the World: Scientific Investigation, Analysis and Strategic Interests of Georgia
Position: Researcher
Donor: SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA
Leader Organization: Georgian Technical University
Start | End Date: 2013-05-15 - 2015-05-15

Name of the project/grant: #55-To Protect Platforms of Unmanned Autonomous Vehicle Using Quantum Cryptography
Position: Leader
Donor: Georgian Technical University
Leader Organization: Georgian Technical University
Start | End Date: 2013-04-01 - 2013-12-02

Name of the project/grant: Nuclear radiation nanosensors and nanoscience systems. ESC (2013)0371 ISEG.EAP.ARW984596
Position: Coordinator assistant
Donor: NATO
Leader Organization: Georgian Technical University
Start | End Date: 2013-01-03 - 2013-12-03

Name of the project/grant: Strengthening sensor research links between the Georgian Technical University and the European Research Area (SENS-ERA)
Position: Project coordinator assistant
Donor: EU Research and Innovation programme
Leader Organization: Georgian Technical University
Start | End Date: 2011-01-03 - 2013-01-03

Name of the project/grant: Development of nickel-free titanium alloys with shape memory effect and superelasticity at wide temperature interval
Position: Researcher
Donor: Georgian Technical University
Leader Organization: Georgian Technical University
Start | End Date: 2010-01-04 - 2010-12-24

Name of the project/grant: Geometry of the boron nitride nanostructures
Position: Researcher
Donor: SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA
Leader Organization: Georgian Technical University
Start | End Date: 2009-05-04 - 2010-03-03

Scientific Productivity

Scopus

Cited Index: -

H Index: -

Web of science

Cited Index: -

H Index: -

Conference, Symposium, Award

- 2018-09-17 - 13th International Scientific Conference, eRA2018, University of West Attica Campus II Conference Center Athens (Egaleo), Greece
- 2017-09-18 - International Scientific Conference eRA-12, Piraeus University of Applied Sciences, Athens, Greece.
- 2017-10-11 - Programme and abstracts of XVIIth International Biannual Meeting, Gettering and Defect Engineering in Semiconductor Technology, GADEST 2017, Lopota resort, Kacheti, Georgia
- 2016-06-08 - GTU-PUAS-UniFe workshop, University of Ferrara, Ferrara, Italy
- 2016-07-11 - EU seminar on Armenian – Georgian cooperation in physical research, Ashtarak, Armenia
- 2016-10-24 - 4th International Conference “Nanotechnologies”, Tbilisi, Georgia
- 2015-11-02 - ener2i and SECURE R2I Workshop on Energy, Innovation and Security in Georgia, Tbilisi, Georgia
- 2015-09-30 - San-Diego State University Conference, Tbilisi, Georgia
- 2015-09-17 - International Scientific Conference eRA -10 The SynEnergy Forum, Piraeus University of Applied Sciences, Greece
- 2014-03-10 - The 13th International conference on Clean Energy, Istanbul, Turkey
- 2014-09-17 - The International Scientific Conference eRA-9, Synenergy Forum, Piraeus University of Applied Sciences, Greece
- 2014-11-10 - The 3rd International conference "Nanotechnologies", Tbilisi, Georgia
- 2014-04-14 - International Conference “Tbilisi-Spring-2014”, Nuclear Radiation Nanosensors and Nanosensory Systems, Tbilisi, Georgia
- 2013-04-15 - RIMMA Risk Information Management, Risk Models, and Applications, Berlin, Germany
- 2013-10-14 - the 5th International Renewamle and Clean Energy conference, Yerevan, Armenia
- 2012-04-16 - International scientific conference IMCS -14, Budapest, Hungary
- 2012-08-20 - NATO Advanced Research Workshop “The Black Sea: Strategy for Addressing its Energy Resource Development and Hydrogen Energy Problems”, Batumi, Georgia
- 2011-09-19 - eRA-6 - The Synenergy Forum, International scientific conference, Piraeus, Greece
- 2011-10-24 - International scientific conference “Physical methods in Medicine”, Tbilisi, Georgia
- 2010-04-26 - MEE-2010, Kharkov, Ukraine
- 2021-02-19 - Austria (AIT) - Georgia (GTU) Workshop 2021. GTU-AIT coopération and opportunities of project Spectrovir-1.
- 2020-12-16 - Photovoltaic opportunities in Georgia. Solar microgeneration. Tbilisi Georgia,
- 2018-07-16 - 11th Japanese-MediterraneanWorkshopon Applied Electromagnetic Engineering for Magnetic, Superconducting Multifunctional and Nanomaterials
- 2020-12-20 - International conference of Euroscience Georgian national section, Tbilisi state medical university. Tbilisi

- 2021-03-21 - Joint Austrian-Georgian Workshop
- 2021-11-26 - The international scientific conference “modern research methods of bionanoagents”, (RMB-2021, Batumi, Georgia)
- 2021-10-21 - Joint Austrian-Georgian Workshop
- 2020-12-22 - International conference of Euroscience Georgian national section, Tbilisi state medical university. Tbilisi
- 2000-10-02 - Laser Plasma Applications - Tbilisi 2025
- 2025-10-15 - International conference “Advanced Materials and Technologies” (ICAMT 2025)

Languages

- Georgian
- English
- Russian