

Giorgi Bibileishvili

Personal Information

Name Surname: **Giorgi Bibileishvili**
Date of Birth: 1968-12-22
Sex: Male
Citizenship: Georgian
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Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Georgian Technical University
Qualification: Academic Doctor of Chemical and Biological Engineering
Date of grant: 2017-02-25
Country: Georgia

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Georgian Technical University
Qualification: Academic Doctor of Mechanical Engineering and technology
Date of grant: 2013-12-06
Country: Georgia

Academic Degree: Master's/Equivalent to Master's
Educational Institution: Georgian Technical University
Qualification: Engineer Mechanic
Date of grant: 1990-07-01
Country: Georgia

Work Experience

Organization: Georgian Technical University
Structural Unit: Membrane Technologies Engineering Institute
Position: Director
Date of commencement of work: 2008-04-30
Date of completion of work: 2028-10-20

Organization: Membrane Technologies Engineering Institute
Structural Unit: Membrane Technologies Engineering Institute
Position: Acting Director

Date of commencement of work: 2006-12-18
Date of completion of work: 2008-04-30

Organization: Membrane Technologies Engineering Institute
Structural Unit: Membrane Technologies Engineering Institute
Position: Deputy Director in Scientific Field
Date of commencement of work: 2002-12-02
Date of completion of work: 2006-12-18

Organization: Engineering Institute for Processing and Implementation of Membrane Technology and Technique
Structural Unit: Engineering Institute for Processing and Implementation of Membrane Technology and Technique
Position: Head of Membrane Technology Department
Date of commencement of work: 1996-03-01
Date of completion of work: 2002-12-18

Organization: Chair of Environment
Structural Unit: Chair of Environment
Position: Senior Research Fellow in Industrial Ecology and Monitoring
Date of commencement of work: 1994-05-01
Date of completion of work: 2004-06-01

Organization: Georgian Technical University
Structural Unit: Chair of Environment
Position: Head of Lead Engineer of Atomic Adsorption Spectroscopy Center
Date of commencement of work: 1992-03-15
Date of completion of work: 1994-05-01

Qualification Raising

Trainings

Organization: Individual Entrepreneur Sophiko Latsabidze
Subject: About Scientific and Business Communication
Country: Georgia
Date: 2024-06-22

Projects & Grants

Name of the project/grant:	"Wine Microfiltration (MF) and Water Ultrafiltration (UF) Flat Sheet Industrial Membrane Unit" № AR-22-1998
Position:	The Main Performer
Donor:	Shota Rustaveli National Science Foundation of Georgia
Leader Organization:	Georgian Technical University
Start End Date:	2022-12-23 - 2024-12-23

Scientific Productivity

[Google scholar](#)

Cited Index: 6

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Conference, Symposium, Award

- 2015-07-01 - 4th International Caucasian Symposium on "Polymers and Advanced Materials". Georgia, Batumi, Ivane Javakhishvili Tbilisi State University
- 2016-05-20 - International Scientific Conference "Modern Researches and Prospects of their Use in Chemistry, Chemical Engineering and Related fields". Georgia, Ureki, Institute of Inorganic Chemistry and Electrochemistry and TSU
- 2017-02-17 - 5th International Caucasian Symposium on Polymers and Advanced Materials. Georgia, Tbilisi, Ivane Javakhishvili Tbilisi State University
- 2018-10-19 - International-Scientific Conference „Chemistry-Achievements and Perspectives“ Dedicated to 85 Years of Birth of Academician Givi Tsintsadze, Georgia, Tbilisi, Georgian Technical University
- 2019-11-11 - International Jubilee Scientific-Technical Conference „Environmental Protection and Sustainable Development“. Georgia, Tbilisi, Georgian Technical University
- 2021-11-20 - II International Scientific-Practical Conference „Aspects of Innovative Research in Agrarian Sciences“ Dedicated to the 80th Anniversary of Professor Guram Tkemaladze. Georgia, Tbilisi, Georgian Technical University
- 2022-09-22 - "Gold Medal" of Giorgi Nikoladze for the Outstanding Contributions to Georgian Technical University
- 2023-04-12 - International-Scientific Conference „Chemistry - Achievements and Perspectives“ Dedicated to 90 Years of Birth of Academician Givi Tsintsadze. Georgia, Tbilisi, Georgian Technical University
- 2024-06-12 - The International Scientific Conference on Environmental Protection and Sustainable Development is Dedicated to Professor Victor Eristavis Memory. Georgia, Tbilisi, Georgian Technical University
- 2024-08-22 - 16th International Black Sea Modern Scientific Research Congress. Black Sea Accembly, Turkey, Trabzon

Languages

- Georgian

- Russian
- English

Additional information

Giorgi Bibileishvili, I am the director of the Engineering Institute of Membrane Technologies of the Georgian Technical University, Elected by the Scientific Council on 2008 April 30. I still hold this position. I am an academic doctor of Mechanical Engineering and Technology, doctor of Chemical and Biological Engineering. I am a co-author of 125 scientific articles and 12 scientific theses. By the institute, with my direct participation, 68 membrane installations of various purposes have been introduced, including 9 abroad. I have participated in various exhibitions, both in our republic and abroad. I am the owner of 5 patents and. 5 patented inventions. At the Hungarian international exhibition "Genius-96", in competition with the products of well-known firms of different countries, 3 membrane installations created and mastered with my direct participation and in many cases under my leadership were awarded first degree diplomas and they are included in the international catalog of "Genius-96". In 2003, the membrane products of the Institute created and mastered with my direct participation were awarded organization B.I.D.(Business Initiative Directions, Madrid Spain) international prize "Quality ERA" in the Gold category. With my direct participation and guidance, 4 projects were processed, 3 of which were submitted to the relevant organizations, both with us and abroad. The projects envisage creation and adoption of membrane technologies and techniques to obtain ecologically clean high-quality food products and drinking water from natural waters, solution of ecological problems through purification and desalination of various wastewater. I am in Shota Rustaveli National Science Foundation Grant (№AR-22-2048. 2023 winner project-biennial) the principal investigator. I am awarded with "Gold Medal "by Giorgi Nikoladze for the outstanding contribution Georgian Technical University.

Under my direct supervision a wine filtration unit was designed, built, sold and put into operation at "Winery Kotehi" (Joint Stock Company of Gurjaani), in the microbiological laboratory of "Kliniki Aversi" (Limited Liability Company), in the administrative and VI, VIII buildings of Georgian Technical University, in "Golden Mug" Limited Liability Company. Ultrafiltration and nanofiltration units were put into operation and are still successfully functioning at Hydroelectric Power Plant "Aragvi -HPP" "Lakham-1" and "Lakham-2" to obtain drinking water from natural water.

Patents

1. The device is a membrane device for filtering water. Bulletin № 2(7) Patent №6262;
2. Purification method-A method of regeneration of the membrane apparatus. Bulletin №1, patent P2018;
3. Device-Membrane apparatus for water filtration. Bulletin №6, patent P2379;
4. Device-Filtration membrane unit. Bulletin №13, patent P2551;
5. Processing saw - A way of processing sugarcane juice. Bulletin №15, patent P2569.

Patented Inventions

1. Method of cleaning membranes. 07.12.96, Georgia, Sakpatenti;
2. Method of cleaning membranes. 07.12.96, Georgia, Sakpatenti;
3. Water membrane filtration equipment. 2001, Georgia, Sakpatenti;
4. Tubular membrane filtration equipment. 03.02.99, Georgia, Sakpatenti;

5. A way to process sugarcane juice. 16.02.98, Georgia, Sakpatenti