



Hovhannes Kh. Tevosyan

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Hovhannes Tevosyan, PhD

CURRICULUM VITAE

EDUCATION

2011-2014

Russian Armenian (Slavonic) State University, Yerevan, Armenia
Institute of Mathematics and High technologies
Department of General Physics and Quantum Nanostructures **PhD**

2009-2011

Russian Armenian (Slavonic) State University, Yerevan, Armenia
Faculty of Physics and Technologies
Department of General and Theoretical Physics **Master degree**

2005-2009

Russian Armenian (Slavonic) State University, Yerevan, Armenia
Faculty of Physics and Technologies
Department of General and Theoretical Physics **BA degree**

2000-2005

High School after Anania Shirkatsi, Yerevan, Armenia

PROFESSIONAL DEVELOPMENT

March 2023 – pres.

CEO

Energy Systems LLC Yerevan, Armenia

January 2024 – pres.

Board Member

Armenian Energy Agency Yerevan, Armenia

2017 – pres.

Head of Development division

Optimum Group Yerevan, Armenia

January 2014 – pres.

Senior Lecturer

Department of General Physics and Quantum Nanostructures
Russian-Armenian (Slavic) University Yerevan, Armenia

January 2016 – 2018.

Chief Specialist

Department of Science and Innovations

Russian-Armenian (Slavic) University Yerevan, Armenia

December 2015 – 2017.

Energy Audit

Energy Efficiency and Renewable Energy consultant

Optimum Energy LLC Yerevan, Armenia

2014-2016

Research scientist

Laboratory of Photonics

IPR NASA — Russian-Armenian (Slavic) University Ashtarak, Yerevan, Armenia

2014 – 2015

Sales Engineer

Energy Systems LLC Yerevan, Armenia

2011-2012

Russian-Armenian (Slavic) University Yerevan, Armenia

2010

IPR NASA Ashtarak, Armenia

2009

LT Pirkal Yerevan, Armenia

SCIENTIFIC DEVELOPMENT

- Manuscript - “Development trends of the energy police of Armenia”, Konrad Adenauer Stiftung
- Reviewer in International Journal of Modern Physics B, Journal of Contemporary Physics
- Hold over 16 publications, articles in the international (10), local (6) journals and conference participation (16).
- More than 25 Energy Audits, Preliminary design of renewable energy systems in different projects.

LANGUAGE PROFICIENCY

- Native: Armenian (fluent)
- Second: Russian (fluent)
- Foreign: English (good)

AWARDS

2013- “Presidential Award The Best PhD Student in IT Sphere (I Category)” provided by Synopsys Armenia and All Armenian Found

2011- “The Best Master Student” provided by Russian-Armenian (Slavonic) University

GRANTS&CERTIFICATIONS

2023 Advanced Training of Trainers on Behavioral Economics for the Energy Sector, "Bartlett" School of Environment, Energy and Resources of the University College London

2016 “Young Scientist Support Program”, provided by State Committee of Science. *Investigation Of Quantum Nanostructures With Non-Trivial Geometry: Electronic, Excitonic And Impurity States, Linear And Nonlinear Optical Properties In Terahertz Range*

2015 “ANSEF”, provided by Found for Armenian Relief. *Cylindrical quantum dot with different confining potential: impurity states, influence of external field, electrostatic multiples.*

2012 “Postgraduate Students Support Program-2012”, provided by State Committee of Science. *Influence of hydrostatic pressure on electronic states and optical properties of spherical quantum dots.*

MEMBERSHIP

2014 Vice-president of YSU and NAS Student Chapter

2012 "SPIE" - International Society for Optics and Photonics. ID: 3488076

SPECIALIZATION

Renewable Energy, RE regulations, Development, Energy Efficiency, Energy Audit, Alternative Energy, Solid State Physics, Low Dimensional Systems and Semiconductor Nanostructures, Optical Properties of Nanostructures

KEY I.T. SKILLS

Walfram Reserch Mathematica, DiaLux, PVsyst, IRSoft, NI LabView, OriginePro, Prezi, MS office-Word, Excel, Access, Power Point, Outlook

MAIN PROJECTS

- «Navoi-1» Project– **Development and owners engineer for 220MWp PV plant (Navoi, Uzbekistan, 2023-pres)**
- «Khonobod-1» Project– **Development and owners engineer for 250MWp PV plant (Namaghan, Uzbekistan, 2023-pres)**
- «Samarkand-40» Project– **Development and construction of 40MWp PV plant (Samarkand, Uzbekistan, 2022-2023)**
- «Sisian Pass» Project – **Development of 36MW Wind Power Plant (Sisian – Armenia, 2018-2022)**
- «Bari Arev» Project– **Development and preliminary design of 17.6MWp PV plant (Gegharquniq-Aragatsotn, Armenia, 2020-2022)**
- «Helios Energy» Project– **Development and preliminary design of 25MWp PV plant (Aragatsotn, Armenia, 2020-2022)**
- «Ventus Energy» Project– **Development and preliminary design of 12.5MWp PV plant (Aragatsotn, Armenia, 2020-2022)**
- «PromSun» Project– **Development and preliminary design of 5.2MWp PV plant (Gegharquniq, Armenia, 2020-2022)**
- «A-S Energy» Project– **Development and preliminary design of 5MWp PV plant (Gegharquniq, Armenia, 2020-2022)**
- «Pushkino Pass» Project– **Development and preliminary design of 68MWp Wind power plant**

(Lori - Armenia, 2018-2021)

- «Masrik -1» Project – **Development of 55MW PV Plant** (Mets Masrik – Armenia, 2018-2021)
- «Zangezour Copper Molybdenum Combinate CJSC» - **Energy Audit, Calculations of Energy Efficiency Measures** (Kajaran – Armenia, 2019)
- «Baghramyan Flour Mill» - **Energy Audit, Calculations of Energy Efficiency Measures** (Lernagog – Armenia, 2019)
- «Vayk Group CJSC» - **Energy Audit, Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2019)
- «Gapex LLC» - **Energy Audit, Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2019)
- «Zod Wind» WPP – **Project manager of 1,32MWp wind power station** (Gegharquniq – Armenia, 2018)
- «Areg» WPP – **Development of 4MWp wind power station** (Gegharquniq – Armenia, 2017)
- «Heritage» Project – **Development of 1MWp PV Plant** (Tsapathagh – Armenia, 2017)
- «Let It Be Light» Project – Armenian Apostolic Church Administrative and Holy District: **Sustainability Energy Design** (Vagharshapat – Armenia, 2017)
- ELBAT – Armenian Battery production: **Energy & Production audit** (Yerevan – Armenia, 2017)
- «Heritage» Project – **1MWp PV Plant Feasibility Study** (Tsapathagh – Armenia, 2017)
- «Let It Be Light» Project – **1MWp PV Plant Feasibility Study** (Vagharshapat – Armenia, 2017)
- Ereboundi Medical Center – **1.27MWp PV Plant Feasibility Study** (Yerevan – Armenia, 2016)
- Tufenkian Hospitality: Avan Dzoraget Hotel - **Energy Audit, Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2016)
- Jumeria Mall - **Energy Audit, Calculations of Energy Efficiency Measures** (Dubai – UAE, 2015)

- Tufenkian Hospitality: Yerevan Historic Hotel - **Energy Audit, Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2015)
- Red Cross - **Energy Audit, Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2015)
- Apaven Custom Stocks - **Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2015)
- Vorotan Hydropower Cascade - **Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2015)
- Erebouni Plaza Bussines Center - **Calculations of Energy Efficiency Measures** (Yerevan – Armenia, 2015)

CONFERENCES & SUMMER SCHOOLS

- FARETE: CONFINDUSTRIA EMILIA: B2B forum, Bologna, Italy, 5-6 September, 2018
- IncoNet EaP Summer School: “Energy Efficiency. International Project Management - from Theory to Practice”, Vienna, Austria, 13-18 June 2016.
- The 7th China Renewable Energy Conference and Exhibition, Wuxi, China, 5-7 November 2015.
- Middle East Electricity / Solar Middle East Conference and Exhibition, Dubai, AUE, 2 - 4 March 2015.
- SPIE Optics and Optoelectronics (OOE-2013), Prague, Czech Republic, 15-18 April 2013.
- IONS Armenia, Yerevan-Ashtarak, Armenia, 11-14 September 2013.
- 2013.Laser Physics-2013, Ashtarak, Armenia, 11-14 October, 2013.
- Commercialization of Scientific Developments, Tsaghkadzor, Armenia, 9-11 July, 2012
- International PhD students conference, Yerevan, Armenia 23-26 September 2013.
- Frontiers in Optics (FOP-2012) Yerevan-Ashtarak, Armenia 2-7 July, 2012
- Laser Physics-2012, Ashtarak, Armenia, 9-12 October, 2012.
- Lomonosov - 2012, Mosvow, Russian Federation, 9-13 April 2012.
- Laser Physics-2011, Ashtarak, Armenia, 11-14 October 2011.