1. **Family name:** SHARKO
2. **First names:** GENCI
3. **Date of birth:** 22 May 1966
4. **Nationality:** Albanian
5. **Civil status:** Married
6. **Education:**

[Date from - Date to]	Institution	Degree(s) or Diploma(s) obtained:
01/2009 – 06/2013	The Polytechnic University of Tirana, Albania	PhD. Diploma on "Analogue to Digital Converters integral nonlinearity tests and characterizations"
08/2013 – 08/2013	Il Politecnico di Torino, Italy	RT operation system and Industrial communication
01/2004 – 06/2006	The Polytechnic University of Tirana, Albania.	MSc. Diploma on "Power Smart Grids"
03/1994-06/1994	Il Politecnico di Bari , ITALY	Digital Signal Processing Diploma
10/1992-11/1992	The National University of Athens, Greece	Diploma of Telecommunications and Computers.
09/1984 - 06/1989	The Polytechnic University of Tirana, Albania	Bachelor of Electrical Engineering.

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Italian	1	1	1
Albanian	1	1	1

8. **Membership of professional bodies:**

   Member of the Albanian Metrology Directorate (DPM) Board, year 2004 – 2006.
   Member of Technical Board of the Albanian Standardisation Directorate (DPS), year 2010 – 2014.
   Member of Albanian TC 8 "Measurement Instrument, Testing Techniques.", DPS year 2010 – 2016.

9. **Other skills:**

   - Good Project design, planning, management, monitoring & evaluation in Standardisation
   - Interpersonal communication skills.
   - Computer literacy analyses.
   - Security risk management and mitigation in IT systems implementation.
   - Presentation and report writing skills.

10. **Present position:**

    Lecturer at Tirana Polytechnic University, Electrical Measurement Laboratory. Albania.

11. **Years within the firm:**

    15 years

12. **Key qualifications:**

    - Long experience into IT systems for National Standardization bodies (**DPS, AKS**).
    - Long Experience in **Measurements techniques**, **LV Directive testing** and intercomparison **tests**, Metrology, **mathematics or associated fields**;
    - Good knowledge **about EU Standardization, New Approach Directives, Conformity Assessment, ISO Quality Management tools, European Standardization IT tools,**
    - Long-term Expert in one the last QI projects developed in the country: Kosovo BEEP Project.
    - Good knowledge about best methods for promoting free movement of goods & services between EU and Balkans countries: **Bosnia and Herzegovina, Kosovo, Albania, Bulgaria**, etc.
    - Strong knowledge in **Electronic and Electric Measurement, Sensors and Signal Processing Techniques**, Real time Operation System

13. **Specific experience in the region:**

Country	Date from - Date to
Kosovo	01/2015-2016 Support to the free movement of goods – Europe Aid /133748/C/SER/XK
Kosovo	04/2013 – 07/2013 Support to Kosovo Standardization Agency (KSA), Kosovo Beep USAID No. EEM-I-11-07-00008-00.
Bosnia and Herzegovina Key – Expert with long-term position.	2011-2012 Support for the Institute for Standardization of Bosnia and Herzegovina BA 09 IB FI 01
Albania Long Term Key – Expert	2008 – 2009 Support for the Standardization Directorate, BERIS, Loan No: 4841 ALB / Credit No. 4239 ALB
Bulgaria: Software Architect Long-term Expert	02/2006 – 10/2006 Strengthening of the National Conformity Assessment System - Technical Assistance for Standardisation and Metrology (EuropeAid/116486/D/SV/BG)

14. **Professional experience**

04/2013-07/2013	Kosovo	Support to Kosovo Standardization Agency (KSA), Kosovo Beep USAID No. EEM-I-11-07-00008-00. Hafiz.Gara@rks-gov.net	IT's Team Leader	Provide the **KSA with an ISO-harmonized database that establishes a publicly accessible platform** and interface for users to access Kosovo standards, and to coordinate standards information sharing between government institutions in a harmonized systems. Kosovo Business Enabling Environment Program (KOSOVO BEEP) USAID PRIME CONTRACT NO. EEM-I-11-07-00008-00, Task Order 11 ▪ Assessment of the current equipment & software in KSA, ▪ Preparation of **Standardisation Database Design** ▪ Preparation of Standardisation Software Application Design ▪ Developing **System Managements Information for Standard** (SMIS). ▪ Preparing a pilot installation for SMIS and web portal ▪ Preparing access full texts database of KSA standards with defined access rights through. ▪ Setting up the pilot System management system for Kosovo ▪ Development of the **bibliographical database and a full text database application on the basis of a standard software programme**. ▪ Development of application for print-on-demand/ distribution of standards, including **Web-application for bibliographical and full text database and Web-application for on-line catalogue.**
10/2011–10/2012	Sarajevo, BIH	Support to the Institute for Standardisation of Bosnia and Herzegovina aleksandar.cincar@bas.gov.ba	Key – Expert	Develop the **Quality Infrastructure in BiH**, in line with the provisions of the Stabilisation and Association Agreement" BA09 IB FI 01, IPA 2009 ▪ Analysis on the ground of the current BAS Human Resources & Organization for the future **Enquiry and Notification Point** in place ▪ **Auditing equipment & hardware** in BAS and needs for the expected ENP into BAS ▪ Analysis of the financial issues in BAS and possible resources to keep with the process of strengthening of the institution. ▪ Preparation of technical specifications for purchasing the equipment and software for the **Enquiry and Notification Point/Enquiry and Notification System** ▪ Assessment of procedures for notification and information regarding draft standards and standards, according to **WTO-TBT, Directive 98/34/EC and other data exchanges with CEN and CENELEC** during standardization processes. ▪ Prepare modules and **Training of Contact Points at BiH** institutions by BAS.

01/2009-12/2010	Albania	BERIS Project, Ministry of Economy, Trade and Energy (METE) rezihasanaj@yahoo.com	IT WB Local Consultant	"Assessing and Improving the existing Standards Data Manager Database and ICT infrastructure at DPS" Business Environment Reform and Institutional Strengthening Project (BERIS), Loan No: 4841 ALB / Credit No. 4239 ALB ▪ Establishing fully operational information system in order to improve the quality of services provided to the **customers and working with the International and European standardisation organisations**. ▪ Compliance with the good standardisation practice in EU. The use and implementation of CEN/CENELEC information (exchanged files) requires establishment of relative database with appropriate defined access rights and traceability. ▪ Migration Transition of the existing database application into a modern system oriented towards standardization activities and customer services. ▪ Improvement of the IT applications for information services orientated to the stakeholders and standards users, such as catalogues, **CD-ROMs, Web catalogues, Work programme, announcements of European standards, and information for Official Bulletin etc.** ▪ Capability building in order to achieve full membership of the **CEN/CENELEC nine conditions**, condition number six.
01/2009-02/2009	Albania	Euro Partners Development IT and COMMS technical study for the Law Enforcement Sector jolanda.trebicka@europartners.al	IT Expert	Auditing and assessment on the state of implementation, utilization and efficiency of selected IT and COMM project supported by ECD for the Law Enforcement Sector in Albania. FWC COM Lot 4 studies 2008/170642 ▪ The auditing of the Data Network System connection of the National Network Operational Headquarter (NNOH) in Tirana with 54 remote sites throughout the country. These remote sites consist of Police Directorates, Commissariats and Border Crossing Points ▪ **Auditing DATACOM monitoring**, NETWORK MONITORING, RADION, LINK MONITORING, Network security, Data protection policy, Risk analysing. IT governance
06/2008-11/2008	Albania	ARD International / USAID Local Government Project Albania Millennium Challenge Albania Threshold Agreement USAID, Albania	IT Assessment Consultancy	Preparing IT Assessment Project for 10 Albanian Municipalities. ▪ Assessing software needs of target municipalities in the fields of asset **management, urban planning, financial management, and taxation** ▪ Identify existing software available in Albania and/or internationally in the fields of asset management, urban planning, financial management, and taxation

03/2008-06/2008	Albania	CHEMONICS International Millennium Challenge Albania Threshold Agreement USAID, Albania elvisc@microsoft.com	IT Security Consultancy	Preparing National Registration Centre Policy and Procedure Security Manual - NRC **Security Policy and Procedures Manual**. - Policies and procedures preparation for Physical Security, Network Security, **Data Protection Access, Audit Trail Control**, Roles, Responsibilities; Data Access and Management Rights, Help Desk, User Training, Virus protection Security and Change management
03/2008-05/2008	Slovenia	Laboratory of Metrology and Quality, Faculty of Electrical Engineering, University of Ljubljana Gaber Beges gaber.beges@fe.uni-lj.si		Regional Quality Infrastructure project –Proficiency Testing, CARDS 2006 PT **Low Voltage Directive (LVD), testing according** to the standard EN 60335-1 and corresponding standard EN 60335-2 **Report drafting on PT testing equipments**
11/2007-12/2007	Albania	CHEMONICS International Millennium Challenge Albania Threshold Agreement elvisc@microsoft.com	IT Security Consultancy	Preparing for Public Procurement Agency e-Procurement Policy and Procedure Security Manual. - The Security Manual preparation for Public Procurement Agency. - Policies and procedures preparation for Physical Security, Network Security, Data Protection Access, Audit Trail Control, Roles, Responsibilities; Data Access and Management Rights, Help Desk, User Training, Virus protection Security and Change management

01/2006 – 12/2006	Bulgaria	AENOR Asociación Española de Normalización y Certificación, BSI - British Standards Institutions, London UK Copera@aenor.es	Software Architect Long-term Expert	Provide software solution in the framework project: "STENGTHENING OF THE NATIONAL CONFORMITY ASSESSMENT SYSTEM, TECHNICAL ASSISTANCE FOR STADARDIZATION" BULGARIA EuropeAid/116486/D/SV/BG • Improvement of the knowledge of BDS staff in the state-of-the art ICT field able to work with the new enlarged BDS Relational Database and BDS information and communication system • The functional analysis and **business modelling for orders and customer enquires at the BDS sales system**. • The functional analysis for cash flow at the BDS sales system • The on line payment thought credit card possibility and payment notification at the BDS sales system • The **invoicing types** and the generating phases of them are functionally analyzed. • The structure of the database for ordering activity composed by the national standard products, the collection of national standards, and the BDS publication products in electronic or paper format, the international standards products. • **The database substructure tables for handling the connection the main BDS standardization database for national standards, international standards, EU directives. Etc**
05/2005– 06/2005	Albania	Support to the Ministry of Economy	IT Expert.	Market Surveillance System Project, Albania (EuropeAid/124910/C/SER/AL) • Provide IT solution and supervise all the system in **Hardware and Software platform for Market Surveillance** Directorate. • **Network Design for Market Surveillance** Directorate at ministry of Economy project • **Web database design for Market Surveillance** in Albania
06/2004 – 10/2004	Albania	IBF S.A Institute Belge de Formation, d'Assistence Thecnique et de Transfert e Technologies BSI – British Standards Institutions, London UK	IT Expert.	"Support to Standards, Certification and Accreditation in Albania" EuropeAid/120467/C/SV/AL. • DPS standards development system and supporting management process to track EU **development projects incepted by CEN and CENELEC**. • Terminology database for the **management of terminology used in Albanian language translations of ENs** • **CE marking directives** linked to the DPS standards catalogue

05/1990–03/2014	Albania	Tirana Polytechnic University, Electrical Faculty Aida Spahiu Aida.Spahiu@fie.upt.al	Lecturer	Lecturer at the, Electrical Faculty, Electrical Department, **Electronics & Electrical Measurement Laboratory ,** Teaching subject "**Electronic Measurement", "Sensors and Signal Processing Techniques**", "Electrical Measurement" and "Real time Operation System".

15. **Other relevant information (e.g. publications):**

1. G. Sharko, P. Marango, A. Spahiu "Oscilloscope Integral Nonlinearity Assessment by Histogram Tests" International Journal of Electronics Circuits and Systems, IJECS ISSN: 2277 – 5870Vol (Botim On line) Vol 2, Issue 1, Shkurt 2013.

2. G. Sharko, N. Hobdari, N. Shanku, M. Ekmenciu, E. Dasho. "Photovoltaic module V-I and P-V characterization through instrumentation control toolkit of MATLAB" Perspectives of Innovations, Economics & Business, Science, Section of "Technology and Innovation, ISSN 1804-0519 (Print), ISSN 1804-0527 (Online) , Volume 9, Issue 3,

3. N. Shanku, G. Sharko "Monitoring and Analyzing Features of Electrical Power Quality System Performance" Perspectives of Innovations, Economics & Business" E-ISSN: 1804-0527, ISSN: 1804-0519 Volume 5, Issue 2, 2010, pp. 101-107.

4. N. Shanku, G. Sharko, E. Prifti, "Toward Virtual – Real Laboratory on Electric Power System Engineering Courses a Successful Experience" International Journal of Pure and Aplied Sciences and Technology, 4(2) (2011), pp. 85-97

5. N. Shanku, G. Sharko, M. Qemali "Graphical method for estimating impact of distance line protection into electric power system stability", ATI – Applied Technologies & Innovations" Volume 1, Issue 1, 2010, pp. 9-20.

6. Genci Sharko Anni Dasho "Necessity of Implementation of Prepaid Metering System at the Albanian Power System (OSHEE)" DEMSEE 2015-10th Jubilee International Conference on Deregulated Electricity Market Issues in South Eastern Europe". 24-25 September 2015 Proceedings ISBN 978-615-80340-0-5

7. Genci Sharko Mirlinda Karcanaj Anni Dasho "Iplementation of e-commerce system for Kosovo standardisation agency 5th International Conference on Humanities and Social Sciences, 5th ICHSS 25-27 September 2015 Rome; Italy. Proceedings ISBN 978-88-909163-28

8. Genci Sharko, Anni Dasho, Rajmonda Buhaljoti "Smart Metering Applications necessity in Distribution/Meter Management System of the Albanian Power System-OSHEE." 9th International Conference, of the Macedonian National Committee in the International Council on Large Electric Systems−MAKO CIGRE 27-29 September 2015 Ohrid , Macedonia. ISBN 978-608-4578-07-9

9. Genci Sharko, Anni Dasho, Kadri Manaj "FIE Student-MIS" Web Application Development. Case: Web Application for Students and Lecturers of Electrical Engineering Faculty, Polytechnic University of Tirana. 4th International International Conference on Computer Science and Communication Engineering. 2015 6-7 November, Durres, Albania. ISBN

10. Genci Sharko, Anni Dasho, Romeo Teneqexhi, "E-commerce for standardisation systems" ISTI 2015. 6th International Conference "Information Systems and Technology Innovation: Inducting Modern Business Solutions 5-6 Qershor 2015 Tirana, Albania ISBN 878-9928-05-199-8

11. Anni Dasho, Genci Sharko, Nevila Baci, Albana Gorishti, "Web Applications Development by UET-ICT Students Group a new challenge for Europian University of Tirana" 6th International Conference "Information Systems and Technology Innovation: Inducting Modern Business Solutions" 5-6 Qershor 2015 ISBN 878-9928-05-199-8

12. Genci Sharko, Mirlinda Karcanaj, Anni Dasho "Iplementation of E-Commerce Systems a new challenge for Standardisation Agencies of Ballcan Countries as Kosovo, Albania and Bosnia Hercegovina" Academic Journal of Interdisciplinary Studies ISSN 2281-4612.

13. Genci Sharko, Ani Dasho , Georgi Gabrovski "Notification system of procedures on standards towards EU and WTO organization" Academic Journal of Interdisciplinary Studies ISSN 2281-4612