



SMART INTERACTIVE TALK

# VIRTUAL TRAINING ON IT AUDIT

April 19-20, 2021

# SMART INTERACTIVE TALK (SIT)

## VIRTUAL TRAINING ON IT AUDIT

April 19-20, 2021, 09:00 (CET, Vienna time)

### CONTEXT

The main objective of this training course is to present IT audit from A to Z. This one full day (2 days online) course will outline the concepts of information technology you need to know in order to understand the audit concerns in the IT environment.

Participants will learn about IT annual risk assessment, IT audit universe, IT audit engagement planning, executing, and reporting, as well as follow-up process of the given recommendations. They will also learn IT governance challenges in the public sector, including strategic IT risk management and how to audit IT Governance in the public sector; the critical business application system controls and the supporting IT general controls; Business Continuity Management audit; as well as how to be a strategic adviser to the senior management in this digital era. The training will discuss how one can use common frameworks and standards for planning and executing IT audits, and will additionally focus on key risks and controls in such critical areas as user access to business applications, networks, change management and BCM/BCP.

This course designed for individuals who act as an IT audit and assurance practitioner and is engaged in providing assurance over IT processes, components of IT applications, systems and infrastructure. Anyone, who have general understanding of risks and controls, and anyone with little or even without any background and/or knowledge in IT audit can participate, who want either to create or develop knowledge in the sphere of IT audit.

### ADMINISTRATIVE ARRANGEMENTS

- **Joining the SIT.** The SIT will be hosted on the KUDO platform, which offers simultaneous translation into PEMPAL languages. Please click on the link in the invitation email and select the preferred language (English, BSC, or Russian). If the quality of your connection is poor the video may be turned off and only audio used.
- **Connect at 08:45am to test your connection.** Please see the separate simple guide on connecting to a KUDO meeting.
- **Download presentations in your preferred language.** Presentations on the screen during the SIT will be in English, but all are available in the PEMPAL languages to download from [pempal.org](http://pempal.org).

## AGENDA | DAY 1 | APRIL 19, 2021 | 09:00-13:15 (VIENNA TIME)

### 09:00 Welcome remarks Introduction

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- Presentation of the course agenda

09:00

**Mr. Arman Vatyan** | PEMPAL Program Leader and IACOP Lead, the World Bank

**Mr. Stipe Župan** | State Secretary, MOF, Croatia

**Mr. Komitas Stepanyan** | IT Director of the Central Bank of Armenia

### 09:20 IT audit

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09:20

- Internal Audit & IT Audit

- IT Audit standards, frameworks and best practices

- The responsibilities, objectives, and skills needed to perform IT audits

- Examples

### 10:10 Annual planning

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10:10

- IT Risks and IT Risk Assessment

- IT Audit Universe

- Annual plan

- Examples

11:00

**Coffee Break**

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### 11:15 IT Audit Engagement

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11:15

- Types of IT Audit

- IT Audit Engagement planning and executing

- Follow Up

12:45

**Q&A**

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13:05

**Day 1 summary and key takeaways**

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13:15

**End of Day 1**

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## AGENDA | DAY 2 | APRIL 20, 2021 | 09:00-14:00 (VIENNA TIME)

### COVID 19: Addressing Business Continuity in the online world

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09:00

- Remote work: Opportunities and Risks
- Business Continuity Management (BCM) vs Business Continuity Planning (BCP)
  - Main components of BCM
  - Be prepared before you need to run your BCP
- Cyber resilience – what is it?

10:00

### Coffee Break

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10:15

### Auditing IT governance

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- IT Strategy – what to look for during the audit?
- IT Risk Management – how to audit?
- How to support senior management for effective IT Risk Management?

10:55

### IT Governance Maturity Assessment (group discussion)

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11:15

### Network Audit

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- How to start
- What to look for
- Tools to use

12:15

### IT Audit Report Writing

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- What to include in the IT Audit report?
- How to present technical stuff to your Top Management?
- IT audit report: What good looks like?
- How to become a strategic adviser for senior management?

12:45

### Summary and closing remarks

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**Mr. Arman Vatyán** | PEMPAL Program Leader and IACOP Lead, the World Bank  
**Ms. Ljerka Crnković** | IACOP ExCom Chair; Senior Adviser, MOF, Croatia  
**Mr. Komitas Stepanyan** | IT Director of the Central Bank of Armenia

13:05

### End of SIT

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## BIO OF THE TRAINER



### **KOMITAS STEPANYAN**

IT Director of the Central Bank of Armenia

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Komitas Stepanyan is internationally certified professional and recognized IT/cybersecurity risk expert for the IMF and The World Bank Group. He is the IT Director of the Central Bank of Armenia, and mainly responsible for IT; Information & Cybersecurity; Technical & Physical Security; Business Continuity Management and IT Project Management.

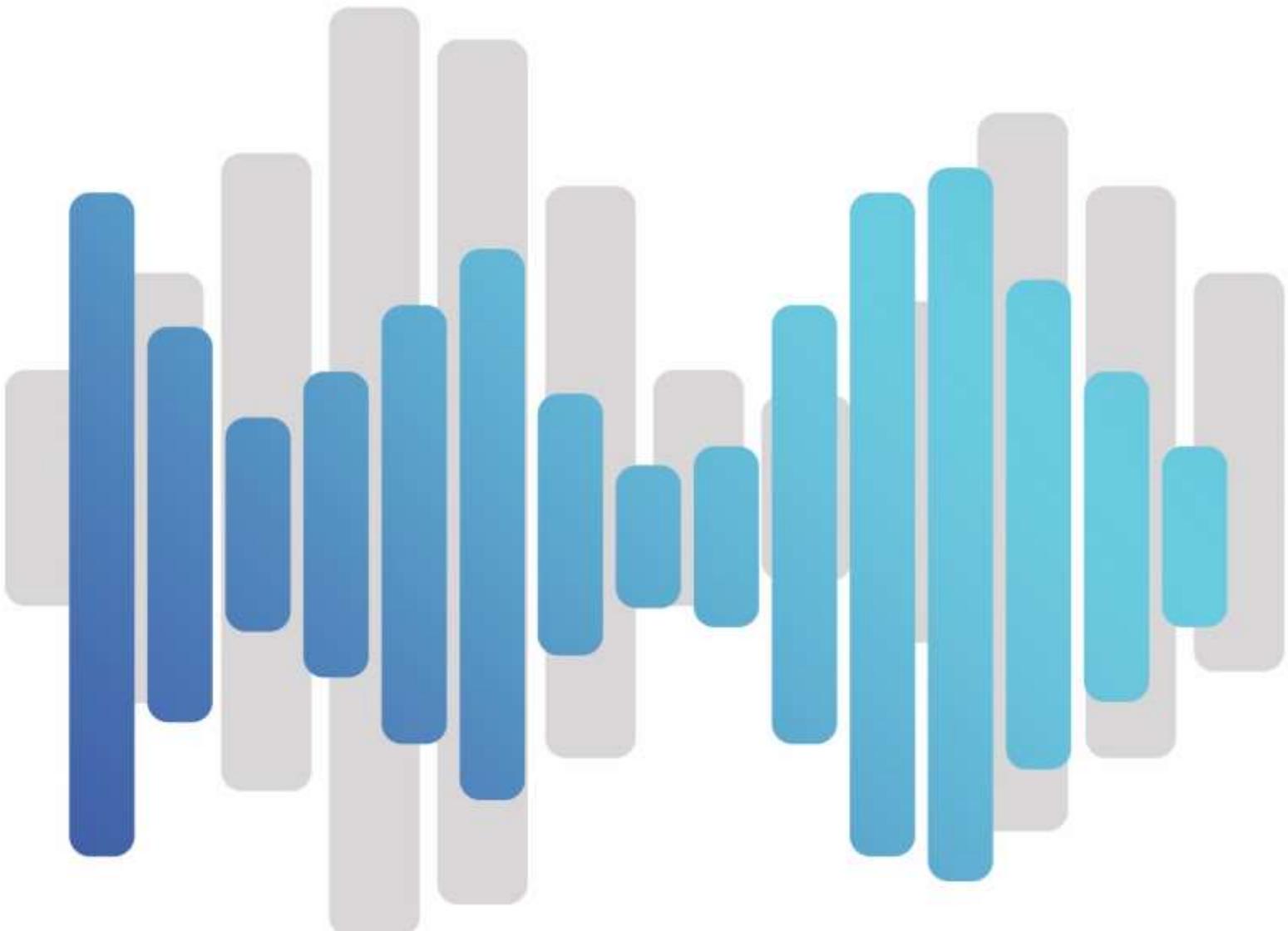
He has 20+ years of experience working as a network and system administrator, information security professional, Internal Audit consultant, cybersecurity consultant. For more than 10 years he was the head of IT auditing division at the Central Bank of Armenia, providing audit and consulting services including information and cybersecurity audits.

Working as a short-term expert for cyber risk management, regulation and supervision and IT fraud examination at International Monetary Fund and The World Bank Group, he conducted and led several Technical Assistance and capacity-building missions covering a diverse range of countries and topics in Africa, Asia and Pacific, including piloting the updated internal audit manual in three different institutions and training over 150 auditors from ministries and government agencies of Armenia in the new internal audit methodology.

Mr. Stepanyan graduated from the Yerevan State University. In 2007 he earned his PhD in the field of applied physics. In 2012 he graduated from the “Public Policy and Public Administration” Certificate Program at Tufts University (USA). In 2016 he graduated online course «Digital Money» from «Digital Frontiers Institute in partnership with The Fletcher School, Tufts University». In 2017 he graduated online course «Operationalizing Mobile Money» from «Digital Frontiers Institute in partnership with The Fletcher School, Tufts University». Mr. Stepanyan is a holder of several international certificates: Certified in Risk and Information Systems Control (CRISC- issued by ISACA) and Certification in Risk Management Assurance (CRMA- issued by IIA), Cobit Foundation Certificate (CobitF - issued by ISACA) and currently working to become a Certified Fraud Examiner.

Mr. Stepanyan started his career in the US based IT company as a fiber-optics communication engineer. In 2005, he moved to the Central Bank of Armenia as an information security specialist. After six months, he appointed as a senior administrator of information security responsible for implementation of BS7799/ISO17799 (ISO 27001) in the CB RA. As a result, CB RA is ISO 27001 certified. In 2007 he was promoted to Head of IT Audit Division, then in 2016 to deputy head of Internal Audit Department. Science August 2020, he is the IT Director of the Central Bank of Armenia.

In recent years, Komitas is actively engaged in international forums and has provided his expertise as speaker and trainers to over dozen of international events.



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