



**The Chartered  
Institute of Logistics  
and Transport**



**Women in Logistics  
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Capacity Building Centre

My learning adapts to  
a changing profession.  
I'm investing in my future.

# Reality of Digitalisation

**CPD Programme for Business  
Leaders, Strategy and Senior  
Professionals**

***Intake:***

***20<sup>th</sup> October – 17<sup>th</sup> November 2021***

***Class every Wednesday from 5pm-7pm (HK Time GMT+8)***





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# Program overview



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## Program Overview

Business as usual is dead. Exponential technologies are rapidly changing our lives and societies, every day, everywhere. We will need different skills, and we will need to get much better at driving change - or we will be driven by it. Most importantly, we should embrace technology but not become it. Anything that can be digitized or automated, will be - and anything that cannot be digitized or automated will become extremely valuable." By Futurist Speaker Gerd Leonhard

## Assessment & Pathway

There are two(2) levels offered in this programme.

1. **CPD Level:** At the end of each lecture participants have to complete a quiz. 75% pass is required.
2. **Level 3:** On completion of the programme participants are eligible to update to a formal modular award as part of the CILT International Certificate (L3) qualification.

This will take the form of an applied professional project / business case that you will develop for your own organization and will be assessed.

## Learning Outcomes

This five-week CPD program is designed to provide the essential knowledge for business leaders, strategy and senior professionals who have to manage or engage in digitalization projects at work. Participants will be able to query and make known decisions on digitalization investments.

## Course Fees Per Participant

**CILT, WiLAT Member: USD350**

**CILT, WiLAT Non-Member: USD450**

Additional for Level 3 for registrations, assessment and certification is **\$150 USD** per participant



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# Course Schedule



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Date	Topic	Speaker
20 <sup>th</sup> October 2021	<b>Digitalisation in Context &amp; Transformation Practices</b>	Jon HARRIS, Education & Business Development Lead, CILT International
27 <sup>th</sup> October 2021	<b>Data Collection Technologies</b>	Shera LAI, Senior Technology Development Manager - Operations and Systems Engineering of MTR Corporation
3 <sup>rd</sup> November 2021	<b>Deployment of Digitalisation Programme</b>	Hizmy HASSEN, Chief Digital Officer, Apollo Tyres in UK
10 <sup>th</sup> November 2021	<b>Risk Management and Major Contract Terms</b> <ul style="list-style-type: none"><li>• Cybersecurity</li><li>• Insurance Coverage</li></ul>	Jim FITZSIMMONS, Controlrisks Sophia KALLERGI, CILT Greece
17 <sup>th</sup> November 2021	<b>Emerging Data Technology in the Transport and Logistics Space</b> <ul style="list-style-type: none"><li>• Transport Planning, Ops &amp; Intelligent Transport</li><li>• Customer facing solutions- Forward Look</li></ul>	Giles PERKINS , Head of Future Mobility, WSP Jon HARRIS, Education & Business Development Lead, CILT International





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# Course Outline





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# Digitalisation in Context & Digital Transformation



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## Course Overview:

This module look at the role of digitalisation and gives an overall global summary of what is happening in this critical area. We then move to looking at how digitalisation can underpin and support business needs, looking at best practice maturity models that have been developed.

## Course Objectives

- Understand the broad context of digitalisation and its global impact
- Appreciate the purpose of digital tools and how they fit into a wider business planning scenarios
- Learn about the application of digitalisation into business transformation processes and the benefits
- Be able to consider the key principles of digital maturity models and the conditions under which they should be applied.

## Course Outline

- The global picture on digitalisation
- Identifying key trends
- Identifying appropriate use of digitalisation
- Digitalisation as a tool/service
- Big Data and IoT Big Picture
- Digitalisation transformation practices
- Digitalisation readiness / maturity assessments
- Alignment to business objectives

## Speaker:

Jon HARRIS, Education & Business Development Lead, CILT International



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# Data Collection Technologies



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## Course Overview

This course aims at providing an overview of various data collection technologies in the market, their characteristics and key considerations in their applications.

## Course Objectives:

- Have a general understanding on different types of data collection technologies
- Understand how they are being applied
- Understanding how an iterative development process would facilitate the adoption of new technologies in daily operation

## Course Outline

- What are the data collection technologies available in the market?
- How are they being applied?
- What are some key considerations in choosing those technologies?
- Why is it useful to adopt an iterative development process in new technologies application?

## Speaker:

Shera LAI  
Sr. Technology Development Manager –  
Operations and Systems Engineering, MTR  
Corporation



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# Deployment of Digitalisation Programme



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## Course Overview

This course outlines the critical success factors and the potential pitfalls in successfully deploying Digitalisation programmes / projects. It covers key aspects of Change Management pivotal for success of any digitalisation programmes. It will also touch on how to build an effective technology road map that enables a successful programme.

## Course Objectives:

- How to enable a clear strategy. i.e what are we trying to achieve
- Learning to pulse the organisation and identify potential pitfalls
- Learning from other organisations and what works and what does not
- How to be agile when executing the programme.

## Course Outline

- Defining the business strategy clearly for digitalisation
- Building a programme road map and key data and technology pre-requisites
- Mapping stake holder engagement and defining the key change management requirements
- Driving the programme
- Learning and improving. Being agile.

## Speaker:

Hizmy HASSEN,  
Chief Digital Officer, Apollo Tyres in UK





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# **Risk Management Cyber Security**



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## **Course Overview**

This session will focus on understanding how cyber security risks are business risks, elements of an effective cyber security risk management program and principles of cyber security response.

## **Course Outline**

- Understanding cyber security risks
- Understanding cyber security risk management
- Understanding cyber security response

## **Course Objectives:**

- Understand cyber security risks
- Understand cyber security risk management
- Understand cyber security response

## **Speaker:**

**Jim FITZSIMMONS**  
Principal, Control Risks



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# **Risk Management Cyber Insurance**



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## **Course Overview**

This course aims at providing an understanding of the cyber risks, and how cyber insurance could be part of a cyber risk management tool

## **Course Outline**

- The legal environment and main threats a business faces
- Risks and consequences
- Insurance solutions for cyber risks
- Gaps in traditional insurance policies
- Conclusion

## **Course Objectives:**

- Understand the insurability and exposure of different cyber risks
- Appreciate the importance of insurance for the growth & sustainability of an organization
- Learn the process of cyber risk mitigation through insurance – general terms and coverages

## **Speaker:**

Sophia KALLERGI

Head of Insurance Division, Pancreta Bank SA,  
Greece

Senior Associate, PEOPLE Tech (Logistics digital  
solutions), UK



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# Emerging Data Technology In the L&T Space



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## Course Overview

This course focuses on the application of intelligent transport systems and data technology in the transport operations field. Transport planning as a discipline has been transformed over the last 20 years because of the digital impact and we will consider some key case studies of how smart mobility is changing the way we move. The session also considers the all-important impact on the end customer.

## Course Objectives:

- Understand the latest developments in intelligent transport and smart mobility
- Appreciate the impact of digitalisation in the transport planning and operations area, and how data is being used and deployed
- Learn about the application of digitalisation in supporting customers and their travel choices and options
- Broaden understanding and knowledge of smart mobility concepts and future direction for the sector

## Course Outline

- The latest advances in digital application on our transport systems
- Smart mobility and intelligent transport solutions
- Impact on transport operations and transport planning
- End customer-facing solutions and how digital techniques are supported access for everyone
- Forward look to the future

## Speakers:

Giles PERKINS , Head of Future Mobility, WSP  
Jon HARRIS, Education & Business Development  
Lead, CILT International





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# Speakers' Profile



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**Jon HARRIS**



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## **Jon HARRIS**

**International Education and Business Development Lead  
Chartered Institute of Logistics and Transport**

Jon has been working for CILT for the last 9 years and currently leads on international education strategy and business development. Jon is a Fellow of CILT and is also a chartered town and transport planner.

Jon has been instrumental in the development of CILT education, training and skills programmes and partnership working, and is responsible for delivering collaborative projects across the world. Most recently he has led logistics sector research, mentoring programmes and the CILT business support programme to help the small Medium Enterprise sector

Jon's background is in transport planning, and since 1989 his career has covered planning, accessibility, inclusion, sustainable transport, freight logistics, intelligent transport and public transport planning. He has specialised in travel behaviour change, with highlights including advising on the London 2020 Games and working on a number of rail projects.





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**Shera LAI**



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## **Ms. Shera LAI**

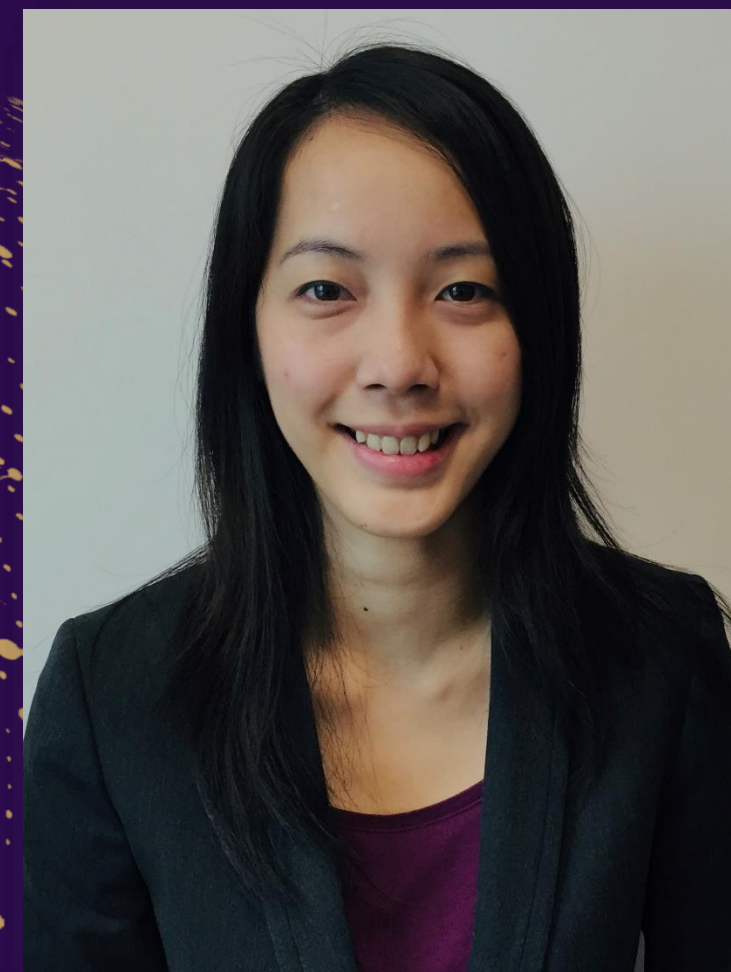
**Sr. Technology Development Manager – Operations and Systems Engineering  
MTR Corporation**

Ms. Lai is the Senior Technology Development Manager of MTR Corporation and has been in the Railway industry for over 10 years.

She is responsible for managing new technology implementation projects, providing technical advice to users on the choice of technologies, and promoting the culture for new technology adoption.

Trained as an engineer, Ms. Lai's technical expertise lies in Systems Engineering and Assurance. She also has a wide range of experience in new technology application, innovation culture, risk management and corporate sustainability.

Ms. Lai obtained her BEng Degree (Hons) in Mechanical Engineering and BBA Degree (Hons) in General Business Management from the Hong Kong University of Science and Technology, Hong Kong.







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# Hizmy HASSEN



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## Hizmy HASSEN Chief Digital Officer Apollo Tyres

Hizmy is the Chief Digital Officer at Apollo Tyres, which is India's largest tyre manufacturer operating in Asia Pacific, Europe and Americas with sales in over 100 countries worldwide. Hizmy joined from Coats Group Plc where he held the role of Chief Digital & Technology officer and previously the Global Supply Chain Director. He has experience in running complex global supply chains as well as an extensive track record in successfully delivering digital transformation in many areas of the business, including in digitisation supply chains.





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**Jim FITZSIMMONS**



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## Jim FITZSIMMONS Principal Control Risks

Jim Fitzsimmons is a Principal in the Cyber Security Consulting team responsible for managing and delivering complex security projects. His work focuses on the business impact of cyber security risk. His work with clients includes evaluating and mitigating the business risks of information and technology regulations, threat-led cyber security risk assessments and supporting clients to manage cyber security incidents and crises.

He has over 25 years of experience in providing IT security and consulting services to a variety of government agencies and industry verticals in the United States, China, Vietnam and Singapore.

Jim has a BA from Boston University where he studied sociology.





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**Sophia KALLERGI**



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**Sophia KALLERGI**  
**Head of Insurance Division**  
**Pancreta Bank SA, Athens, Greece**

Sophia Kallergi is a senior executive with a 20+years tenure in the insurance and banking sectors working with the biggest banking and insurance institutions. She is responsible for the strategic planning of Insurance business of Pancreta Bank SA. In 2000, she joined Alico AIG serving as Financial Institutions Director to move in 2008 in Piraeus Bank Group, the most digitized bank in Greece, as Head of Insurance Division with supervision of Central and Eastern Europe subsidiaries. Since 2019, she is a Member of the Board in Tech innovation companies with focus on digitalization of insurance.

She is a graduate of MSc Risk Management & Insurance department of Cass Business School – City University of London, and the Department of European Management and European Law at London Southbank University and certified in Environmental Risks, and Marine Insurance by Marsh McLennan (UK) (CII accredited).







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**Giles PERKINS**



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## **Giles PERKINS** **Head of Future Mobility** **WSP**

Giles leads WSPs Future Mobility team in the UK and has over 30 years' experience in the futures, transportation planning and intelligent transport sectors. He has worked in the public and private sectors as a senior client and director level consultant and, has led major projects across all modes. He has a detailed understanding of the strategic needs and opportunities surrounding the transport challenges that face our networks, regions, towns and cities. He is a recognised expert in the field of future mobility / transport having undertaken numerous cutting-edge commissions where his insight is helping build 'future ready' thinking into strategies, policies and asset specifications.

Giles is a strategic thinker with an in-depth appreciation of the challenges facing all modes of transport resulting from disruptors, both within the transportation realm and wider socio-economic changes which influence it. Giles has presented papers at numerous international events and conferences focusing on the mobility space.





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# Thank You

## Registration Link

<https://www.wilat.org/wcbc/reality-of-digitalisation>