Location Innovation Hub (LIH) Annual Training Catalogue 2026

Name of the planned activity	Organiser	Description	Training type	Physical / Online / Hybrid	Level / Target group	Timing / Duration	Link / Registration / More info
Geospatial Challenge Camp (GCC)	University of Turku, University of Helsinki, Aalto University, CSC, Geoportti RI, Fiuginet	Geospatial Challenge Camp (GCC) is a challenge-based multi-actor innovation course that engages young scientists and students in solving real-world sustainability challenges with digital data and location technologies in collaboration with geospatial companies and public sector actors, who are in need of new and innovative data and technology-driven solutions. In 2026, the challenge theme is Sustainable Mobility and Transportation, and there are over 10 private and public sector collaborators in the camp. Six teams (25 researchers) are co-creating new ideas and solutions based on geospatial data and tech.	Course	Hybrid (4 physical meeting days, 8 online mentoring sessions)	Master's students, doctoral researchers, and postdoctoral researchers, geospatial companies, public sector actors, innovation hubs, NGOs	12.2.-11.5.2026	https://challenge-camp.geoportti.fi/en/dev2026/index.html#
Cloud Computing	University of Turku (UTU)	This course aims to enhance participants' competencies in understanding cloud computing fundamentals, navigating major cloud providers, cloud storage management, ensuring cloud security, and applying practical solutions to real-world business challenges.	Mini-MOOC, learning material	Online	Basic	Non-stop	https://digicampus.fi/course/view.php?id=5493
Processing large raster images in GDAL	University of Turku (UTU)	In this course, an overview is given of different phases of the data analysis pipeline using Python and its data analysis ecosystem. What is typically done in data analysis?	Mini-MOOC, learning material	Online	Basic	Non-stop	https://digicampus.fi/course/view.php?id=5077
Geospatial data management in postgres/postgis databases	University of Turku (UTU)	This mini-MOOC focuses on giving students competencies in adding, organizing, querying, retrieving, and combining data, and assessing data consistency with the help of the SQL tools in the DBMS and in QGIS.	Mini-MOOC, learning material	Online	Basic	Non-stop	https://digicampus.fi/course/view.php?id=5076
Dronemaster	Oulu University of Applied Sciences (OAMK)	Want to be a professional drone operator? Learn with the DroneMaster online course. The course is suitable for anyone who is involved in unmanned aviation for work, study or hobby purposes.	Course	Online	Basic	Non-stop	Course: DroneMaster | DigiCampus
Precise construction – Control-point Network	Oulu University of Applied Sciences (OAMK)	Measurement accuracy is the key factor in the smooth execution of construction projects. A new instructional video series provides a fast introduction to precision construction and challenges viewers to reflect on the use of measurement foundations in projects within the built environment.	Learning material	Online	Basic	Non-stop	https://locationinnovationhub.eu/fi/tarkkarakentamin en/
Precise construction – Machine Control	Oulu University of Applied Sciences (OAMK)	The effective utilization of machine control automation is key factor in the smooth execution of construction projects. A new instructional video series provides a fast introduction to precision construction and challenges viewers to reflect on the use of machine control automation in projects within the built environment.	Learning material	Online	Basic	Non-stop	https://locationinnovationhub.eu/fi/tarkkarakentamin en/
Precise construction – Coordinate and height systems	Oulu University of Applied Sciences (OAMK)	This learning material are continuing Precise construction learning material providing useful information about Finnish coordinate and height systems.	Learning material	Online	Basic	Non-stop Autumn 2026	-
Precise construction – Georeferencing of drone data	Oulu University of Applied Sciences (OAMK)	This learning material continues the Precise Construction learning material and provides useful information about georeferencing photogrammetric imagery.	Learning material	Online	Basic	Non-stop Autumn 2026	-
Beginner level – Fundamentals of drone competence	Oulu University of Applied Sciences (OAMK)	The participant understands the basics of drone technology and is able to use a drone safely in simple work tasks.	Training, course	Hybrid	Basic	Autumn 2026	-
Location and AI: The Basics	Location Innovation Academy, OGC	Location and AI: The Basics course teaches the benefits of combining AI and geospatial data in business, introduces core concepts of AI and Geospatial Data and presents practical geospatial applications. The course also, addresses the risks, regulatory frameworks, and ethical considerations related to the use of AI and location data. It also presents key success factors for using location data & intelligence in business	Mini-MOOC	Online	Basic. Target group is aimed at directors, managers, leaders and consultants.	Non-stop	https://academy.ogc.org/course/view.php?id=15
Location & AI – Deep Dive into Practical Solutions	Location Innovation Academy, OGC	The course introduces different data types in the geospatial field, presents common AI and foundation models used in the domain, and explores practical geospatial applications. It also covers how to assess the trustworthiness of AI-generated geospatial data and examines future directions of GeoAI, including how the European Union is supporting AI development and innovation.	Mini-MOOC	Online	Advanced. Target group: AI and geospatial/GIS professionals, like data analysts, data scientists, software developers, digital twin developers, city planners, and environmental analysts and researchers.	Non-stop	https://academy.ogc.org/enrol/index.php?id=16
DIS4SME: Introduction to location data interoperability for technicians	DIS4SME, Location Innovation Academy, OGC	The course explains the essential concepts of location data interoperability and the impact of INSPIRE, High Value Datasets and FAIR data principles. It highlights what these frameworks mean for managing metadata, datasets and services within spatial data infrastructures.	Mini-MOOC	Online	Basic, technicians and job seekers	Non-stop	https://academy.ogc.org/enrol/index.php?id=18
DIS4SME: Introduction to data interoperability for managers	DIS4SME, Location Innovation Academy, OGC	The course introduces SME managers and owners to the concepts and challenges of location data interoperability, making them aware of the EU data policies framework and of the development and trends related to location data interoperability.	Mini-MOOC	Online	SME managers and owners	Non-stop	https://academy.ogc.org/enrol/index.php?id=17
GeoE3: Data Management	GeoE3, Location Innovation Academy, OGC	This course focuses on acquiring, processing, distributing, using, maintaining, and preserving spatial data, while strengthening Spatial Data Infrastructure (SDI) competencies. It is designed to support professional development through practical modules that include resources, worked examples, standard specifications, and best practices. The modules cover open data and licences, metadata and semantic enrichment including the European Data Portal (EDP), semantic and organisational interoperability, data quality assurance, and data quality dashboards.	Mini-MOOC	Online	Developers and technical experts working with geospatial or statistical data in National Mapping & Cadastral Agencies, statistical offices, and other public-sector organisations.	Non-stop	https://academy.ogc.org/enrol/index.php?id=4

GeoE3: Gestión de los datos	GeoE3, Location Innovation Academy, OGC	(Spanish language version of GeoE3: Data Management)	Mini-MOOC	Online	Developers and technical experts working with geospatial or statistical data in National Mapping & Cadastral Agencies, statistical offices, and other public-sector organisations.	Non-stop	https://academy.ogc.org/enrol/index.php?id=12
GeoE3: Service Management	GeoE3, Location Innovation Academy, OGC	This course provides an overview of OGC API Standards and explains how they enable geospatial interoperability on the web. It combines general introductions with technical descriptions and real-world use cases to support practical understanding. The course includes modules on an introduction to standards, common aspects of OGC API Standards, data access standards, and other OGC API Standards.	Mini-MOOC	Online	Target group: Developers and technical experts working with geospatial web services and OGC APIs.	Non-stop	https://academy.ogc.org/enrol/index.php?id=3
GeoE3: Gestión de los servicios	GeoE3, Location Innovation Academy, OGC	(Spanish language version of GeoE3: Service Management)	Mini-MOOC	Online	Target group: Developers and technical experts working with geospatial web services and OGC APIs.	Non-stop	https://academy.ogc.org/enrol/index.php?id=13
GeoE3: Data and Service Integration	GeoE3, Location Innovation Academy, OGC	This course covers the integration of geospatial data and services on the web, with a particular focus on practical implementation. The course includes modules on joining spatial and statistical data, integrating meteorological data, and applying OGC APIs in real-world applications.	Mini-MOOC	Online	Developers and professionals responsible for building, maintaining or improving Spatial Data Infrastructures across public-sector organisations.	Non-stop	https://academy.ogc.org/enrol/index.php?id=6
GeoE3: Integración de Datos y Servicios	GeoE3, Location Innovation Academy, OGC	(Spanish language version of GeoE3: Data and Service Integration)	Mini-MOOC	Online	Developers and professionals responsible for building, maintaining or improving Spatial Data Infrastructures across public-sector organisations.	Non-stop	https://academy.ogc.org/enrol/index.php?id=11
Webinar on GeoAI courses	LIH	Webinar to promote GeoAI courses	Webinar	Online	SMEs	10.06.2026	
IPSM: IP Sense Making event	Intellisys	Intellectual Property and IPR awareness raising for engineering & technology development	Other/seminar	Physical	Startups, SMEs, research groups, innovators in the field technology	9/2026	
IPSM: IP Sense Making event	Intellisys	Intellectual Property and IPR awareness raising for software & AI developers	Other/seminar	Physical	Startups, SMEs, research groups, innovators in the field software and AI	9/2026	
Gisponaari	Gispo	What is Oskari and what you can do with it?	Webinar	Online	Basic	5.3.2026	Vuoden 2026 ensimmäinen Gisponaari esittelee karttapalvelu Oskarin mahdollisuuksia • Gispo
Gisponaari	Gispo	GeoAI	Webinar	Online	Basic	7.5.2026	OpenGeoAI - kevään toinen Gisponaari • Gispo
Datapolku – Datatalouskasvattamo	Centria	Datapolku is a topical podcast about the data economy. Its topics include, for example, how data can be used in business, how artificial intelligence can be combined with the data economy, and the data economy from an agricultural perspective. The episodes feature experts in the field, who offer different viewpoints on the opportunities and challenges of the data economy.	Podcast	Online	For everyone who wants to understand the oppotunities in data economics (in Finnish).	Non-stop	https://open.spotify.com/show/6DXVHmi9coIFhKSmIfubko?si=52402995ed01473b
Datapaja 3 paneelikeskustelu – Datasta liiketoimintaa maatalousyrittäjälle	Centria	A panel discussion exploring how agricultural data can be turned into business value, improved profitability, and better decision-making for farmers.	Webinar recording	Online	For everyone who wants to understand the opportunities in data economics (in Finnish).	Non-stop	https://youtu.be/X2UB3_BUdjg?si=LAC865AUOCSkgltf
Tekoälyavusteinen uravalmennus	Tampere University of Applied Sciences (TAMK)	“AI as a partner in career coaching” is a practical, up-to-date continuing education program for career and study counsellors, employment services specialists, HR professionals, and coaches who want to use AI in guidance work in a humane, ethical, and effective way. In the training you will learn how AI can be used to clarify career direction, articulate skills and competencies, build a career narrative, and identify opportunities in the hidden job market. The focus is not on the technology itself, but on how the counsellor uses AI to support thinking—as a sparring partner, a structuring aid, and a way to open up options. The program combines dialogical, values-based guidance with concrete AI-assisted methods. You will gain practical prompting and working models that you can apply directly in your own client and guidance situations. At the same time, you will strengthen your own agency as a counsellor: the ability to create a psychologically safe space, make the client’s strengths visible, and support bold but sustainable career choices.	Training, course	Online (Teams)	For everyone who wants to develop their career with the help of AI (in Finnish).	8.5.2026 (14.00–16.00), 15.5.2026 (14.00–16.00), 22.5.2026 (14.00–16.00), 29.5.2026 (14.00–16.00)	https://www.tuni.fi/fi/tule-opiskelemaan/tekoalyavusteinen-uravalmennus#expander-trigger--Opintojen-suorittaminen
Data- ja automaatiopohjaisen valmistuksen osaajaksi	Tampere University of Applied Sciences (TAMK)	The training will be delivered in a blended learning format and, in spring 2026, will consist of two courses. The course offering is designed to provide engineering-level skills for employees who, for example, have a vocational education background. Participants can complete the full programme or choose the modules that interest them. Part of the training will be carried out in small groups in TAMK’s FieldLAB experimentation and learning environment, which features state-of-the-art technology in areas such as robotics, industrial data, and 3D printing.	Training, course	Multiform	Intent for engineer level workers (in Finnish).	TBA	https://www.tuni.fi/fi/tule-opiskelemaan/smart-digi-alyteollisuuden-uudet-digitaaliset-tyokalut / Application/registration form: https://elomake.tuni.fi/lomakkeet/35742/lomake.html
Teollisuusdatan visualisointi ja hyödyntäminen	Tampere University of Applied Sciences (TAMK)	Introduction to visual data analytics. Utilising industrial data. Data visualisation from IoT platforms. The target group for the training consists of employees or clerical staff who are currently in work and whose highest qualification is a vocational upper secondary qualification. The programme may also admit people outside the labour force, or others working with an outdated qualification who need to update their skills to meet the needs of modern production environments.	Training, course	Multiform	Intent for engineer level workers (in Finnish).	TBA	https://www.tuni.fi/fi/tule-opiskelemaan/smart-digi-alyteollisuuden-uudet-digitaaliset-tyokalut / Application/registration form: https://elomake.tuni.fi/lomakkeet/35742/lomake.html

		A total of 25 participants will be selected. The training lasts less than a year in total, and it is possible to take part alongside work.					
Research to Business	Location Innovation Hub +Intellisys	An information and networking event aimed at helping researchers understand commercialisation pathways, R2B funding, IPR and next-step readiness through dialogue with funders and business experts. Also creates awareness about industry industry challenge and help businesses know what technology and solutions are available or being developed.	Training event	In Person	Researchers/research groups, businesses	Fall 2026	
Visualization of geospatial data and map making	University of Turku (UTU)	The students are guided to thinking about how to visualize geospatial data and create a map layout that conveys the desired message to the audience. Knowing the general principles and practical tools available in QGIS helps in avoiding the most common mistakes and in applying the best practices. Main themes of this module: • Cartography • Map-making • Geospatial data visualization • Working with QGIS • Geospatial dissemination skills	Mini-MOOC	Online	Basic level understanding of GIS data structure and how to open and view the data in a QGIS software. QGIS software installed.	Non-stop	https://digicampus.fi/course/view.php?id=3509
AI & Cybersecurity	University of Turku (UTU)	Learning objectives of the course: • To introduce basic concepts of cybersecurity and artificial intelligence (AI). • To provide an understanding of how different AI methods work. • To provide an overview of how AI can make our lives better, exemplified by different applications and cases. • To give an understanding of how AI and cybersecurity interact. • To provide an overview of how can AI be used to improve cybersecurity. • To provide an understanding of how can AI be used against cybersecurity.	Mini-MOOC	Online	Basic	Non-stop	https://digicampus.fi/course/view.php?id=1391
Sustainable development	University of Turku (UTU)	This course introduces the key concepts related to Sustainable Development as well as to the Sustainable Development Goals. Main themes of this module: • Sustainable development, history, key concepts • Triple bottom line, Planetary boundaries, Doughnut economy • Sustainable development goals, target, and indicators • Personal dimensions of sustainable development	Mini-MOOC	Online	Basic	Non-stop	https://digicampus.fi/course/view.php?id=3259
Principles of Open Data	University of Turku (UTU)	This course focuses on the concept of open data. During the course, you will learn how to discover and to use open data as a research resource as well as the terms and conditions of accessing and using open data. You will also learn practical measures which help to decide whether to open your own data or which part of it could be opened. You will learn and understand the meaning of open license, the different types of open licenses and their applicability. Data is the basis for information and knowledge. For this reason, access to data is important to create meaningful information and usable knowledge. Main themes of this module: • Concept of open data • Discovering open data • Making data available for reuse • Open data repositories/portal • Open license and its types	Mini-MOOC	Online	Basic	Non-stop	https://digicampus.fi/course/view.php?id=2422
Working with interactive web maps	University of Turku (UTU)	The mini-MOOC introduces the student to the topic of web mapping and presents easy to use technologies and tools, such as qgis2web plugin for QGIS. Creating and sharing your first web map online using open source solutions opens up the topic for further inquiry and gives a boost to the student's self-confidence. The mini-MOOC encourages experimenting and learning new geospatial visualization methods, tools and technologies. Main themes of this module: • Geospatial dissemination skills • Interactive web mapping • Working with QGIS web mapping plugin	Mini-MOOC	Online	Basic level understanding of GIS, geospatial data visualization and map-making and the use of QGIS software.	Non-stop	https://digicampus.fi/course/view.php?id=3511