INNOVATION™ VALUE INSTITUTE

February Newsletter 2025

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Discover the digital transformation path for your business...

Become an IVI Member

SAVE THE DATES 2025
IVI Members Town Hall - March 20th
IVI Webinar - Innovation Voucher Programme - March 27th
International Digital Health Summer School - May 12th & 13th
IVI Summit 2025 - 11th - 13th June

IVI Summit 2025

11-13th June, TSI building, Maynooth University



The theme of next year's Summit is '**What's possible by 2030? Accelerate change with responsible and fair use of data, digital and AI**'.

Ensuring how this happens will bring both challenges and opportunities to Industry leaders and academic researchers across various sectors.
We will hear from experienced industry leaders, policy makers and academic speakers, with keynote addresses and parallel breakout discussions, this summit will discuss some of the key questions challenging them.

Speakers Include:

- **Trudi Brook**, Senior Manager, ROI CTO Service Enablement, BT
- **Mark Kirwan**, CEO, Carbon Positive
- **Jane Corr**, IT&T Head of Cyber Security, CIÉ Group
- **Paul Delahunty**, Chief Information Security Officer, Stryve
- **Alan Irwin,** Vice President, Product & Customer Solutions, Europe, Global Payments
- **Kammil Mahajan**, Managing Director, Advice Bytes

Register here

Would you like to become a Sponsor of this years IVI Summit ??



By investing in a sponsorship package for the IVI Summit 2025, you are able to link your brand with your industry association, key leaders, and key stakeholders relevant to the data governance, digital transformation and AI. With over 250 attendees, the IVI Summit is a unique opportunity to meet and greet with sector leaders and decision makers face-to-face, and network with others in the sector. The packages provide you with various options and benefits for your investment.

Contact us info@ivi.ie

Representing Ireland and the Department of Health - Ireland at the European Health and Innovation Summit in Warsaw

Prof. Markus Helfert and Denise Manton had the pleasure of representing Ireland and the Department of Health - Ireland at the European Health and Innovation Summit and the TEHDAS2

joint action General Assembly in Warsaw this month.
TEHDAS2 (co-funded by the European Commission) is paving the way for the harmonised implementation of the secondary use of health data in the European Health Data Space (EHDS). Ireland is actively contributing to several TEHDAS2 work packages, and it was inspiring to engage with European colleagues on this important initiative.



The discussions in Warsaw reinforced that EHDS is not just about innovation—it's about trust, governance, and empowering citizens. As we move towards implementation, strong data governance will be essential to ensure transparency, security, and ethical use of health data. Over the next four years, collaboration between governments, researchers, healthcare providers, industry and citizens will be key to ensuring EHDS delivers on its promise—transforming healthcare while safeguarding fundamental rights.

EnTrust Doctoral Network T4 Training week at Maynooth University



The EnTrust Doctoral Network is a doctoral network dedicated to training Doctoral Candidates as a new generation of "Data Executives" who promote fair, transparent, and trusted data sharing in agriculture. ENTRUST regularly organizes thematic training weeks for its doctoral researchers, combining seminars, workshops, and networking opportunities. As part of this mission, EnTrust doctoral candidates at Maynooth University organized the T4 Training Week, bringing together experts in data governance, data sovereignty, interoperability, and cybersecurity to foster collaboration and innovative thinking.

During the T4 Training Week (24th to 28th February 2025), participants enjoyed a variety of thought-provoking presentations. **Ville Sirviö** from NIIS kicked off with an exploration of the future of digital public infrastructure, stressing the importance of secure, interoperable systems for cross-border services. **Anil Turkmayali** from International Data Spaces followed with insights on interoperability and data sovereignty in agriculture, examining how trusted data exchanges can boost innovation in the sector. **Ruth Buckley** of Cork City Council rounded off the day with discussions on cybersecurity and data protection in local government, highlighting strategies to safeguard citizens' data. In addition to these, the program covered a wide scope of themes, such as the relationship between open geospatial data and data quality by **Peter Mooney** from Maynooth University, and how earth observation data informs agricultural policy, presented by **Stuart Green** from Teagasc.

The week also featured a Design Science Research panel session, which offered researchers an opportunity to explore best practices in research methodologies. With interactive workshops and site visits, the event seamlessly connected theory with real-world practices, enabling all participants to explore new solutions for the rapidly evolving world of digital infrastructure and data sharing in agriculture.

Local Government CORE (LG-CORE) Project

The Local Government CORE (LG-CORE) is a dedicated Information Sharing and Analysis Centre (ISAC) for Ireland's 31 local authorities, established to enhance cybersecurity resilience through collaboration, threat intelligence sharing, and strategic capability development. Built on the Dutch ISAC Development Model, LG-CORE provides a structured framework for sector-wide information sharing, capability development, and proactive cybersecurity measures. This model focuses on five key competencies—Strategy and Action Plan, Working Methods, Information Management, Situational Awareness, and Action—each with three maturity levels, enabling a progressive improvement in cybersecurity readiness.

The Innovation Value Institute (IVI) has been a key partner in LG-CORE's development since 2022, bringing its expertise in IT capability maturity assessment and digital transformation to support the initiative. This year, IVI in collaboration with the National Cyber Security Centre (NCSC), is developing a Sectoral Capability Assessment to establish a cybersecurity maturity baseline for local authorities. This assessment will leverage IVI's IT Capability Maturity Framework (IT-CMF) alongside NCSC's Risk Management Measures, providing each local authority with a personalized report benchmarking their cybersecurity capabilities against sectoral benchmarks. This initiative will offer a clear roadmap for cybersecurity enhancement, supporting local authorities in meeting emerging regulatory requirements, including the EU NIS2 Directive. By systematically assessing and improving sectoral capabilities, LG-CORE is laying the groundwork for a more resilient public sector, equipped to tackle the complex cybersecurity challenges of the digital era.

Prof. Markus Helfert Visit Zeppelin University - Germany

Prof. Markus Helfert visited the The Open Government Institute | TOGI at the Zeppelin University in Germany on 17th of February. Part of the visit was a workshop to exchange new research results related to Smart Cities, Artificial Intelligence and Citizen Participation. Prof. Helfert discussed the

Data Governance programme he is leading at the Innovation Value Institute and some of the research projects at IVI.



In the afternoon Professor Dr Vaz, Prof. of Public Policy Management at the University of São Paulo and Prof. Jorge Machado, University of São Paulo shared their work on Smart Cities, AI and citizen participation with a particular focus on public administration. The event was hosted and chaired by Prof. Dr. Jörn von Lucke, Chair of Public Administration and Information Systems at the Zeppelin University and the Director of The Open Government Institute (TOGI).

Funding Opportunity and Call for Collaboration with Industry Partner Digital Twin and Artificial Intelligence



This is an exciting opportunity to fund outstanding PhD candidates and industry oriented research projects as part of the **Innovate for Ireland Programme** (https://www.researchireland.ie/funding/innovate-for-ireland-programme/)**,** in collaboration with **Research Ireland** and **Global Innovators Ireland (GII)** and in partnership with industry partners.

PAGANINI: Pioneering advanced Digital Transformation and Service Innovation at scale -Integrating Digital Twin and Artificial Intelligence Technologies

Led by Maynooth University and in collaboration with South East Technological University, this project (proposal) offers excellent collaboration opportunities for Industry. The research projects are scoped by real world challenges involving industry partners and leading researchers to establish an attractive cohort-based PhD programme. Research Host and Industry Collaboration: Maynooth University and South East Technological University.

The research combines cutting-edge digital twin and artificial intelligence (AI) technologies with service innovation to drive forward the development of new service-oriented solutions and deep insights on successful digital transformation.

Further Information and contact: Markus Helfert email: markus.helfert@mu.ie
Deadline 07/March/2025

Presentation at at the University of Padova



The Prof. Markus Helfert was invited to present a guest lecture on 21st of February at the **University of Padova as part of the Master MOIM (Open Innovation Management).** He presented on the research cluster approach and research projects at the Innovation Value Institute**.** Particular thanks to the Director of the Master Programme, **Prof. Fabrizio Dughiero,** at the University of Padua and **Maddalena Mometti**, Academic Coordinator of the programme for the invitation. The Master's program is a post-graduate course designed for professionals and managers aiming to develop the skills needed to manage open innovation processes. The presentation on IVI's research clusters and the activities at Maynooth University on Digital and Data Research provided valuable insights to the participants of the course. And a special thanks to **Prof. Piero Formica**, who chaired and facilitate the lecture and made this great opportunity possible.

Just as a reminder to you that members are welcome for a coffee in person or virtual so please do drop us an email if you would like arrange this at info@ivi.ie

Or listen in to our Latest **Coffee&talks** series at IVI **here**

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