

# Deep Tech Atelier

**Thursday 14.05.2026.**

## Deep Tech Stage

09:00 - 10:00

Doors open

Enjoy your morning coffee and get ready for the day

10:00 - 10:40 Deep Tech Atelier Opening session

**Artis Ozoliņš, Laura Štrovalde, Viktors Valainis, Alexander Cywes**

10:40 - 11:00 Designing the Future: How Deep Tech Will Reshape Society, Markets and Human Collaboration

**Anne Skare Nielsen**

European Deep Tech Funding | The Landscape and Where It Is Heading

11:00 - 11:15 Speed is the strategy: why rapid adoption — not funding — defines Europe's defence tech future

**Kadri Tammai**

11:15 - 11:30 EIC and Europe's Innovation Path: Signals, Shifts and What Comes Next

**Stéphane Ouaki**

11:30 - 11:45 European Defence Alliance: Building Europe's Strategic Autonomy Through Innovation

**Jana Drzkova**

11:45 - 12:00 Strategic Investment for Strategic Science: Europe's Funding Choices Ahead

**Paul Walsh**

12:00 - 13:00

Networking Break

13:00 - 13:05

Introduction

Ecosystem Blueprint | What Actually Builds a Working Deep Tech Hub

13:05 - 14:10 Deep Tech Talent & Founder Activation Corridor - Latvia, Poland and beyond

**Anton Adamovitch, Jurgis Miezainis, Krzysztof Gulda, Gundars Bērziņš, Kriss Pujats, James Jānis Berdigans**

14:10 - 14:25 You're Building Europe's Future. Just Not for Everyone in It

**Anthony Giannoumis**

14:25 - 14:40 What actually works: building deep tech ecosystems in Europe

**Anu Puusaag**

14:40 - 14:55 Beyond the minimum viable product fallacy

## **Siim Kinnas**

14:55 - 15:25 From policy to results

**Marija Plotniece, Laima Balčiūnė**

15:25 - 15:55

Networking break

15:55 - 16:10 AI for what and for whom?

**Cecilia Rikap**

Lab -> Market | Why Most European Research Never Becomes a Company

16:10 - 16:25 The value of Business Awareness for academics

**Gunther Schmidt**

16:25 - 16:40 Patent Intelligence: European and Global Development Trends

**Wiebke Hinrichs**

16:40 - 16:50 No IP, No Deal: Why Intellectual Property Matters in Deep Tech

**Agris Batalauskis**

16:50 - 17:05 Quantum Leap: From Lab Breakthrough to Market Reality

**Michael Baczyk**

17:05 - 17:35 From Lab to Market: Intellectual Property and Effective Commercialization Strategic Development Models in Innovation Ecosystems

**Wiebke Hinrichs, Agris Batalauskis, Stefano Paleari, Jurijs Jastržembskis, Dace Kārkle**

17:35 - 18:00 Reverse Pitches for Corporates | Demand on the Record

**Laura Štrovalde, Ilze Kauce, Tomass Liepnieks, Mārtiņš Zeps, Mārtiņš Kokalis, Hayata Okubo, Jerzy Baratowicz**

18:30 - 20:00

Dinner

## **Deep Frontier Stage**

13:00 - 13:15 Opening keynote

**Christopher Burns**

13:15 - 13:30 Autonomous Systems and the New Architecture of European Defence: A Baltic Perspective

**Dr. Artis Pabriks,**

Autonomous Systems | Drone Superpower Ambitions and Remote Control

13:30 - 13:45 Military mass production: how Europe can produce at an industrial scale?

**Frédéric Montagard**

13:45 - 14:35 When Seconds Matter: Are Cities Ready for Drones, 5G and Artificial Intelligence in Public Safety?

**Viesturs Celmiņš, Gints Jakovels, Lauris Labanovskis, Kristaps Niedols, Ilona Platonova**

## Infrastructure Resilience

14:35 - 14:50 Ground Zero: When Terrestrial Infrastructure Fails, What Does Space Actually Replace?  
**Robert Aare**

14:50 - 15:05 The Invisible Infrastructure: How Thermal Intelligence Reveals What Europe Can't Afford to Miss  
**Max Gulde**

15:05 - 15:20 Beyond the Grid: The Defence Energy Architecture Europe Hasn't Built Yet  
**Niclas Lehnert**

15:20 - 15:50  
Networking break

Cybersecurity & Critical Infrastructure | Europe Under Attack: From Threat Reality to System Response

15:50 - 16:05 Europe's AI Sovereignty Bet — data infrastructure, computing power, and what Europe's distinct regulatory path means for global competitiveness  
**Sébastien Garnault**

Space Tech -> Military Adoption | Satellites, Autonomy, and the Dual-Use Dividend

16:05 - 16:20 Built for the Moon, Needed on Earth: Autonomy at the Edge of the Possible  
**Sotirios Zormpas**

16:20 - 16:35 How Nuclear Waste Can Save Military Satellites and Lunar Exploration  
**Mihails Ščepanskis**

16:35 - 16:55 From GPS to Doctrine: What Europe Can Learn from America's Space-Defence Playbook  
**Mihails Ščepanskis, John Shattuck**

Semiconductors in Warfare | How Chips Decide Modern Conflict

16:55 - 17:10 The Chip War Is Real: How Semiconductors Decide Modern Warfare  
**Benjamin Wolba**

17:10 - 17:30 Can Europe Build the Chips It Needs to Defend Itself?  
**Benjamin Wolba, Jerzy Baratowicz, Sandis Šrāders**

Quantum Computing in Defence | Architecture, Readiness, and Europe's Scalability Gap

17:30 - 17:45 The Architecture Problem: Quantum Computing, Defence Readiness, and Europe's Scalability Gap  
**Stefan Schmid**

18:30 - 20:00  
Dinner

## Growth Stage

13:00 - 13:05 Introduction

## **Egija Gailuma**

High-Stakes Communication with Jeff Cabili

13:05 - 13:35 Beyond the Slide: The Art of Founder Presence

**Jeff Cabili,**

Startup Pitch Competition Semi-Finals

Jury Panel

**Povilas Zinys, Lucas Rodriguez, Caroline Sevier, Zane Caune, Aiga Irmeja**

13:35 - 14:25 Heal the Future: MedTech & BioTech Pitch Arena

14:30 - 15:20 Built for Battle: DefenceTech Pitch Arena

15:45 - 16:35 Intelligence Unleashed: AI Infrastructure Pitch Arena

16:35 - 17:25 Wild Cards: The Cross-Sector Deep Tech Pitch Arena

17:25 - 17:55 Flip the Script: Investor Reverse Pitches

**Kadi-Ingrid Lilles, Adams Adamovičs, Stefano Paleari, Isabel Zhang, Matīss Neimanis, Egita Poļanska, Michael Baczyk, Daren Wilson, Ieva Treija**

17:55 - 18:00 The Final Ten: Finalist Announcement

18:30 - 20:00

Dinner

## **Side Events**

11:00 - 12:30 Asia - Europe Deep Tech Roundtable

**Ilona Guļčaka, Hayata Okubo, Kohei Aihara, Takenori Kumagai, Oliver Hasse**

EIC & EIT: The Power Duo for Deep Tech Growth

12:30 - 14:00 EIC & EIT: From Opportunities to Real Impact in Deep Tech

**Marija Plotniece, Stéphane Ouaki, Izabel Alfany, Alīna Dolmate, Jekaterina Romanova, Annija Emerson**

Horizon Europe: Your Pathway to Health & Dual-Use Funding

14:00 - 14:45 Health & Dual-Use: Horizon Europe Innovation Pathways

**Jānis Ancāns, Ingrīda Lavrinoviča, Marija Plotniece**

Latvia's Deep Tech Roadmap

15:00 - 15:45 Investors Guide to Latvian DeepTech Ecosystem

**Kadi-Ingrid Lilles, Eduards Ritums, Matīss Neimanis**

15:00 - 17:30 Riga Bio Bridge

**Magdalena Kulczycka**

16:00 - 18:00 From Validated Tech to First European Revenue: Building a Commercialization

Roadmap That Survives Contact with Reality

**Daren Wilson**

18:30 - 20:00

Dinner

## **Friday 15.05.2026.**

### **Deep Tech Stage**

09:00 - 10:00

Doors open

Enjoy your morning coffee and get ready for the day

Success Stories | What Europe's Rare Deep Tech Exits Actually Taught Us

10:05 - 10:20 From Hit to Biotech Exit: Lessons from a Biotech Founder

**Lucas Rodriguez**

10:20 - 10:35 Fuel for the Frontier: Inside Estonia's Deep Tech Fund

**Sigrid Rajalo**

10:35 - 10:50 From Resilience to Resistance: Ukraine's Innovation System in Transformation

**Ihor Markevych**

System Navigation | How Smaller Ecosystems Compete in a System Built for Giants

10:50 - 11:05 Punching Above Their Weight | How Mid-Sized Cities can Win in DeepTech

**Stephen Cabana,**

11:05 - 11:20 Smart City Innovation through University-Industry Collaboration

**Viktorija Prilenska**

Horizontal Impact | AI Is Not a Vertical - And That Changes Everything

11:20 - 11:40 Gen AI: Myths and Reality

**Luc Julia**

11:40 - 11:55 AI Changes Systems, Humans Determine Outcomes

**Agnese Lastovska**

11:55 - 12:10 The Human Dimension - Skills You Need To Master Deep Tech

**Teele Tönismann**

12:10 - 12:45

Networking Break / Lunch

12:45 - 12:50

Introduction

Dual-Use | Past the Label, Into What It Actually Takes

12:50 - 13:05 From Readiness to Relevance: Building Europe's Connected Defence Ecosystem

## **Caroline Sevier**

13:05 - 13:20 Strategic Grid Resilience in a Dual-Use World: How Europe's Renewable Transition Shapes Civilian and Defence Readiness

**Petr Korba**

13:20 - 13:35 How Taiwanese Dual-Use Technologies Contribute to Critical Infrastructure and Security

**Fu Wei (Tony) Wang**

13:35 - 13:50 The Immersive Edge: How Industrial Metaverse Is Reshaping Critical Industries

**Antti Vikman**

European Strategy | The Sovereign AI Bet and What Must Be True for It to Pay Off

13:50 - 14:05 Building Europe's AI backbone: What sovereign compute actually takes.

**Michael Champion**

14:05 - 14:20 AI Sovereignty in Europe: Can Europe build competitive LLMs without billions?

**Artūrs Vasilevskis**

14:20 - 14:35 Startup & Scaleup Funding Landscape and the Launch of the Future Finance Programme in Latvia

**Christelle Sapata, Anna Gorzkowska**

Data Infrastructure | AI Sovereignty Without Materials Sovereignty Is a Story

14:35 - 14:50 Semiconductors Behind Europe's AI Infrastructure

**Jerzy Baratowicz**

14:50 - 15:05 AI Horizon: Data Infrastructure — contributing to discussions on computing power, semiconductor supply chains, and the physical layer behind AI development

**Takenori Kumagai,**

15:05 - 15:35

Networking break

15:35 - 15:40

Introduction

Smart Sensors | The Next Computing Platform Won't Look Like a Computer

15:40 - 15:55 The Next Platform: How AI Wearables Will Change Everything

**Vitnija Saldava**

15:55 - 16:10 Building low-power cellular IoT that works in the real world

**Artūrs Lalovs**

16:10 - 17:10 Startup Pitch Competition - FINALS AND AWARDS

**Gleb Maltsev, Hayata Okubo, Daren Wilson, Michael Baczyk, Juris Mencis, Guntars Krols**

17:10 - 17:20 2025 Startup Pitch competition Winner: Startup Success Story

**Jekaterina Romanova**

17:30 - 17:40

Wrap Up

18:00 - 20:00

Post-conference Reception (Limited capacity)

## **Deep Frontier Stage**

10:00 - 10:05 Introduction

**Inese Suija-Markova**

OuluHealth Ecosystem

10:05 - 10:20 Opening Empowering Health Innovation with Technology - case Oulu, Finland.

**Heidi Tikanmäki**

Military → Civil Transfer

10:20 - 10:35 AI, Defence, and Medicine: Ukraine's New Industrial Transformation

**Atila Bahchedjioglu**

10:35 - 10:50 From Battlefield to Bedside: Translating Disaster Medicine into Civilian Capability

**Neve Vendt**

AI in Health and Biosecurity Diagnostics, drug discovery and epidemiological surveillance

10:50 - 11:05 Reading the Sewers: AI-Powered Wastewater epidemiological surveillance as a Public Health Infrastructure

**Sandis Dejus**

11:05 - 11:20 From AI Prototype to Deployable MedTech Product

**Mateusz Kierepka**

Personalized Care AI modeling, patient digital twins and precision medicine

11:20 - 11:50 From Reactive Healthcare to Personal Intelligence: How AI is Reshaping Women's Health

**Elīna Pīka-Lepere, Līva Pērkone**

11:50 - 12:05 How EIT Health is accelerating digital health adoption across Europe

**Izabel Alfany**

12:45 - 13:15 The Future of Health and Building European Health Resilience

**Isabel Zhang, Sigvards Krongorns, Brigita Dejus**

Generative AI in Health Revolutionary AI-driven pharmaceuticals and accelerated molecule development

13:15 - 13:30 The Agentic Organ: What Happens When AI, Biology, and Robotics Converge Inside the Body

**Daren Wilson**

13:30 - 13:45 What generic AI gets wrong about lab data, and what it takes to get it right.

**Nata Savastsenka**

Building European Health Resilience: Capital, Capacity, Commercialization

13:45 - 14:00 Money isn't everything - what systemic measures support technology transfer?

**Rafał Orłowicz-Murawski**

14:00 - 14:15 The 60 Million Thesis: Why Nordic Spinouts Matter Now

**Anssi Uimonen**

Research and Development

14:15 - 14:30 Pediatric Precision Oncology Across Europe: What INFORM Teaches Us About Shared Infrastructure

**Mirjam Blattner-Johnson**

14:30 - 14:45 Compass AI: Accelerating AI Adoption in European Healthcare

**Sara Zullino**

Machines for Human Survival: The Next Frontier of Medical Technology

15:15 - 15:30 From biological brains to AI Data centers

**Hector A. Gonzalez**

15:30 - 15:45 Medical Training Beyond Reality

**Māris Tašmans**

18:00 - 20:00

Post-conference Reception (Limited capacity)

## **Growth Stage**

Cracking the Code: Funding Hacks for CERN, ESA & EU

10:05 - 10:45 Inside Access: How Deep Tech Startups Actually Break into CERN, ESA & EU Funding Systems

**Dāvids Štēbelis, Alise Pīka-Ozola, Egita Aizsilniece-Ibema**

European Grid Stability & Renewables

11:00 - 11:40 Digital Control of Europe's Power Grid: Stability in the Age of Renewables

**Petr Korba**

Scaling Deep Tech Into Circular Industry

11:50 - 12:30 From Research to Circular Industry: Designing Scalable Supply Chains for Deep Tech Ventures

**Carolin Aas**

Deep Tech Commercialization

12:40 - 13:20 From TRL 1 to Industrial Deployment: Bridging Deep Tech to Manufacturing Through Structured Acceleration

**Tatu Luuk**

13:30 - 14:30

INNOVATE-EU Demo Day: Deep Tech Startups Across Borders

Lab to Launch: A Brutally Honest Deep Tech Roadmap

14:40 - 15:20 From Lab to Launch: The Brutally Honest Guide to Deep Tech Commercialization  
**Solvita Kostjukova, Didzis Rutitis, Dāvids Štēbelis**

Secure Energy Control Systems

15:30 - 16:00 Secure Control Layers for Autonomous Energy Systems: SCADA/OT in a Dual-Use Context  
**Toms Mols,**

18:00 - 20:00  
Post-conference Reception (Limited capacity)

## Side Events

Impact Pitch Arena

10:00 - 11:30 Impact Pitch Arena–Student Entrepreneurship Forum Idea Competition  
**Elizabete Universa, Madara Kalniņa-Kalnmale**

11:30 - 12:30 RIS3 Innovation Ecosystem Dialogue | Closed Expert Discussion on the EIB Study - Findings on the Startups and Scaleups Financing Ecosystem and Training Needs in Latvia

The Green Roadmap: Unlocking Norway's Latest Innovation Grants

12:00 - 13:30 Driving Green Innovation to Unlock Business Potential  
**Magnar Ødelien, Lauma Laurinoviča, Inese Skapste, Richard Anderson, Edijs Kalvenieks**

Swiss-Latvian Smart Energy Launch

14:00 - 15:00 Opening of the Swiss-Latvian Smart Energy Digital Competence Centre  
**Gints Kučinskis, Petr Korba, Tomass Liepnieks, Anna Mutule**

Nucleate Genesis 2026 Grand Finale

15:15 - 16:00 Nucleate Baltics: Genesis Demo Day 2026  
**Gerda Schotter**

18:00 - 20:00  
Post-conference Reception (Limited capacity)

## Before DTA (Side Events)

### Deep Tech Stage

### Deep Frontier Stage

### Growth Stage

## Side Events

Monday 11.05.2026.

09:00 - 17:00 Anthem Foundation visit to LU and RTU

Tuesday 12.05.2026.

09:00 - 20:30 Innovation Impact Forum 2026 (registration required)

10:00 - 17:00 Nordic + Baltic Chip Competence Centers (CCC) Quarterly meeting

Wednesday 13.05.2026.

09:00 - 19:30 Riga Chip Summit 2026 (registration required)

10:00 - 12:00 Inside the Labs: Innovation in Action | Open Doors @ University of Latvia Institute of Solid State Physics (registration required)

11:00 - 13:00 Inside the Labs: Innovation in Action | Open Doors @ University of Latvia (registration required)

13:30 - 16:45 Together: Collaborate, Create, Advance | Open Doors @ Riga Technical University (registration required)

13:30 - 15:30 From Molecules to Market – Rethinking Sustainable Sun Care (registration required)

16:00 - 18:00 Inside the Labs: Innovation in Action | Open Doors @ Latvian Institute of Organic Synthesis (registration required)

18:15 - 21:20 Deep Tech Liftoff: Investors' Cosmos Edition (registration required)