	Monday (Introduction)	Tuesday (Problem Definition)	Wednesday (Creativity)	Thursday (Concept Selection)	Friday (Presentations)
9:15-11	Opening Session & Introduction to Summer School • Overview of the program and objectives • Introduction to innovation in photonics	Lecture: Problem Brainstorming and Problem Validation • Learning to identify the right problems • Understanding the importance of validating problems before investing resources	Lecture: Inspiring Innovation in Other Fields Using Photonics Knowledge • Developing the ability to apply photonics knowledge to inspire innovation in non-photonics fields Practical Team Work Session • Fostering Cross-Disciplinary Thinking	Lecture: Technology Readiness Levels (TRLs) • Definition and importance • Stages of TRLs	Team Presentations and Feedback • Each team presents their ideas on the industry tasks, followed by feedback from industry partners, supervisors and peers.
11-12	Industry Talk 1: Real-World Insights from Industry Partner Valamis • Getting to know the company Valamis • Insights about the role of innovation in the company's operations	Practical Team Work Session • Problem brainstorming and problem validation	Lecture: Generating Concepts using Morphological Tables • Introduction to morphological analysis • Leveraging AI in concepts development	Lecture: Concept selection • Evaluating and comparing concepts	
12-13	Lunch	Lunch	Lunch	Lunch	Lunch
13:15-14:00	Industry Talk 2: Real-World Insights from Industry Partner Kelluu • Getting to know the company Kelluu • Insights about the role of innovation in the company's operations	Lecture: Problem Definition • The importance of clearly defining problems in the innovation process • Overview of the problem definition process	Practical Team Work Session • Morphological analysis • Generating concepts • Starting to prepare the presentations	Practical Team Work Session • Selecting the concepts and preparing the presentations	Team Presentations and Feedback continues
14:15-15	Practical Team Work Session • Presentation of the Industry challenges • Workshop for team formation, task alignment and skill optimization	Practical Team Work Session • Problem definition		Final Test	Closing Session • Reflections on the week, feedback collection, and certificate distribution.