

	Monday (Introduction)	Tuesday (Problem Definition)	Wednesday (Creativity)	Thursday (Concept Selection)	Friday (Presentations)
9:15-11	<p>Opening Session & Introduction to Summer School</p> <ul style="list-style-type: none"> • Overview of the program and objectives • Introduction to innovation in photonics 	<p>Lecture: Problem Brainstorming and Problem Validation</p> <ul style="list-style-type: none"> • Learning to identify the right problems • Understanding the importance of validating problems before investing resources 	<p>Lecture: Inspiring Innovation in Other Fields Using Photonics Knowledge</p> <ul style="list-style-type: none"> • Developing the ability to apply photonics knowledge to inspire innovation in non-photonics fields <p>Practical Team Work Session</p> <ul style="list-style-type: none"> • Fostering Cross-Disciplinary Thinking 	<p>Lecture: Technology Readiness Levels (TRLs)</p> <ul style="list-style-type: none"> • Definition and importance • Stages of TRLs 	<p>Team Presentations and Feedback</p> <ul style="list-style-type: none"> • Each team presents their ideas on the industry tasks, followed by feedback from industry partners, supervisors and peers.
11-12	<p>Industry Talk 1: Real-World Insights from Industry Partner A</p> <ul style="list-style-type: none"> • Getting to know the company A • Insights about the role of innovation in the company's operations 	<p>Practical Team Work Session</p> <ul style="list-style-type: none"> • Problem brainstorming and problem validation 	<p>Lecture: Generating Concepts using Morphological Tables</p> <ul style="list-style-type: none"> • Introduction to morphological analysis • Leveraging AI in concepts development 	<p>Lecture: Concept selection</p> <ul style="list-style-type: none"> • Evaluating and comparing concepts 	
12-13	Lunch	Lunch	Lunch	Lunch	Lunch
13:15-14:00	<p>Industry Talk 2: Real-World Insights from Industry Partner B</p> <ul style="list-style-type: none"> • Getting to know the company B • Insights about the role of innovation in the company's operations 	<p>Lecture: Problem Definition</p> <ul style="list-style-type: none"> • The importance of clearly defining problems in the innovation process • Overview of the problem definition process 	<p>Practical Team Work Session</p> <ul style="list-style-type: none"> • Morphological analysis • Generating concepts • Starting to prepare the presentations 	<p>Practical Team Work Session</p> <ul style="list-style-type: none"> • Selecting the concepts and preparing the presentations 	Team Presentations and Feedback continues
14:15-15	<p>Practical Team Work Session</p> <ul style="list-style-type: none"> • Presentation of the Industry challenges • Workshop for team formation, task alignment and skill optimization 	<p>Practical Team Work Session</p> <ul style="list-style-type: none"> • Problem definition 		Final Test	<p>Closing Session</p> <ul style="list-style-type: none"> • Reflections on the week, feedback collection, and certificate distribution.