

# Preliminary Program

Aarhus Summer School on Programming Languages, Logic, and Software Security

August 10–14, 2026 · Aarhus University

## The program

	<b>Mon, Aug 10<sup>th</sup></b>	<b>Tue, Aug 11<sup>th</sup></b>	<b>Wed, Aug 12<sup>th</sup></b>	<b>Thu, Aug 13<sup>th</sup></b>	<b>Fri, Aug 14<sup>th</sup></b>
<b>9:00-10:30</b>	Rocq	Rocq	HO-SL	TT	LBS
<b>10:30-11:00</b>	Break	Break	Break	Break	Break
<b>11:00-12:30</b>	Rocq	Rocq	HO-SL	LBS	HO-SL
<b>12:30-13:30</b>	Lunch	Lunch	Lunch	Lunch	Lunch
<b>13:30-15:00</b>	TT	TT	SPA	HO-SL	SPA
<b>15:00-15:30</b>	Break	Break	Break	Break	Break
<b>15:30-17:00</b>	LBS	LBS	TT	SPA	Dinner & concert at Tivoli Friheden

## Courses and Speakers

<b>Abbr.</b>	<b>Course</b>	<b>Speaker</b>
Rocq	The Rocq Proof Assistant and Generative AI Tools for Formalisation of Mathematics	Bas Spitters
HO-SL	Higher-Order Concurrent Separation Logic	Lars Birkedal & Amin Timany
TT	Introduction to Type Theory	Daniel Gratzer
LBS	Language-Based Security	Aslan Askarov
SPA	Static Program Analysis	Anders Møller

Each session is 1.5 hours. Breaks of 30 minutes are scheduled between morning sessions and between afternoon sessions. Lunch break is 12:30–13:30. Friday evening is reserved for a joint social activity.

The Rocq course (Mon–Tue) provides foundational skills in interactive theorem proving and is closely related to the courses on Higher-Order Concurrent Separation Logic and Introduction to Type Theory, which begin on Wednesday and Monday afternoon, respectively.