

Schedule ItaLean 2025

Tuesday, December 9

Time	Event
08:30–09:15	Registration & Welcome talk
09:15–10:15	@Leonardo de Moura
10:15–10:45	Coffee break
10:45–11:45	A Practical Introduction to Lean (@Bhavik Mehta)
11:45–12:45	@Alex J. Best
12:45–14:00	Lunch
14:00–14:45	@Vikram Shanker / @Lawrence Wu (llllvvuu)
14:45–15:15	Coffee break
15:15–15:45	Projects organisation
15:45–17:00	Lean installation / GitHub tutorial (@Pietro Monticone, @Lorenzo Luccioli)
15:45–19:00	Project work

Wednesday, December 10

Time	Event
09:00–10:00	Number Theory in Mathlib (@Riccardo Brasca)
10:00–10:30	(Functional) Analysis in Mathlib (@Filippo A. E. Nuccio)
10:30–11:00	Coffee break
11:00–12:00	@Emily Riehl
12:00–12:45	Probability Theory in Mathlib (@Rémy Degenne)
12:45–14:00	Lunch
14:00–14:45	@Alex Kontorovich
14:45–15:15	Coffee break
15:15–19:00	Project work

Thursday, December 11

Time	Event
09:00–09:45	Differential Geometry in Mathlib (@Michael Rothgang)

Time	Event
09:45–10:30	Metaprogramming in Lean (@ Damiano Testa)
10:30–11:00	Coffee break
11:00–12:00	@ Maryna Viazovska
12:00–12:45	Yann Fleureau, @Jia Li
12:45–14:00	Lunch
14:00–14:45	@ Jared Duker Lichtman / @Auguste Poiroux
14:45–15:15	Coffee break
15:15–19:00	Project work

Friday, December 12

Time	Event
09:00– 09:45	The Carleson Project (@ Michael Rothgang)
09:45– 10:30	Formalising Polychromatic Colourings of Integers (@ Bhavik Mehta)
10:30– 11:00	Coffee break
11:00– 12:00	Discussion Panel (@ Alex J. Best, Leonardo de Moura, Auguste Poiroux, Emily Riehl, Simone Severini)
12:00– 12:45	The Brownian Motion Project (@ Rémy Degenne)
12:45– 14:00	Lunch
14:00– 14:30	@ habemus-papadum
14:30– 15:15	@ Eric Wieser
15:15– 15:45	Coffee break
15:45– 17:00	Project presentations