

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 (lllvuu) |
| 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 |