



# PIMS CRG L-Functions in Analytic Number Theory: Comparative Prime Number Theory Symposium

June 17–21, 2024 | University of British Columbia-Vancouver

The “Comparative Prime Number Theory” symposium is one of the highlight events organized by the PIMS-funded Collaborative Research Group (CRG) “L-functions in Analytic Number Theory”. It is a one-week event taking place on the UBC campus in Vancouver, B.C., Canada from June 17–21, 2024.

Comparative prime number theory certainly includes prime number races, both classical (Chebyshev’s bias) and over number fields and function fields. It also broadly includes the distribution of zeros of L-functions associated with these prime counting functions, including topics related to the Linear Independence hypothesis (LI) on the imaginary parts of those zeros, as well as general oscillations of number-theoretic error terms.

## PLENARY SPEAKERS

- Alexandre Bailleul, ENS Paris–Saclay
- Lucile Devin, LMPA
- Daniel Fiorilli, CNRS Paris–Saclay
- Florent Jouve, Université de Bordeaux (tentative)
- Youness Lamzouri, IECL, Université de Lorraine
- Wanlin Li, (Washington University)

The timing of this symposium has been chosen to dovetail with the Canadian Number Theory Association meeting in Toronto, Ont., Canada from June 24–28, 2024.

## ORGANIZERS

- Lucile Devin, Laboratoire de Mathématiques Pures et Appliquées Joseph Liouville
- Daniel Fiorilli, CNRS Université Paris–Saclay
- Alia Hamieh, University of Northern British Columbia
- Habiba Kadiri, University of Lethbridge
- Greg Martin, University of British Columbia
- Nathan Ng, University of Lethbridge

**For more information visit:**

<https://www.pims.math.ca/scientific-event/240617-cpnts>