

program

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phd/early postdoc
symposium on
non-locality

September 16, 2021

This is the program for the third phd/early postdoc symposium on **non-locality**, taking place on Thursday, September 16, 06:00 Los Angeles, 09:00 New York, 15:00 Amsterdam, 21:00 Shenzhen, 22:00 Tokyo, via Zoom.

1. Introduction & ice breaker (~5 minutes)

2. Non-locality & cosmology: geometrical aspects (~55 minutes)

- Properties of exact solutions
- Detectable signatures and “smoking guns?”
- Cosmological principle meets non-locality
- ...

3. Non-locality & cosmology: role of matter (~55 minutes)

- Primordial fluctuations with non-local physics?
- Non-local “initial value” problems
- Observable imprints of non-locality in the CMB?
- Non-local inflation
- ...

4. Closing remarks (~5 minutes)