## Rapid Talks Session #1

- 1. David Benisty (The University of Cambridge), Dark energy in two body problem
- 2. Maxence Corman (Perimeter Institute), Evolution of binary black holes in Einstein scalar Gauss-Bonnet gravity
- 3. **Guillaume Dideron (University of Waterloo),** SCoRe: A new framework to study unmodelled physics from gravitational wave data
- 4. Kurt Koltko (Independent), Gauge CPT, experimental tests, and the Tully-Fisher law
- 5. Marcelo Salgado (Instituto de Ciencias Nucleares, UNAM), Boson clouds around Kerr black holes and rotating hairy black holes in GR
- 6. Ashim Sen Gupta (Queen Mary University of London), Non-linear Horndeski analysis with Hi-COLA
- 7. **Alex Woodfinden (University of Waterloo),** Geometry and growth measurements from void-galaxy and galaxy-galaxy clustering
- 8. Jonathan Barenboim (Simon Fraser University), Evaporating black holes in 2D models of gravity
- 9. Kate Taylor (University of Victoria), Constraining black hole ringdowns with LVK observations
- 10. Jann Zosso (ETHZ / UIUC), Null memory beyond Einstein gravity
- 11. Ryley Hill (University of British Columbia), Galaxy protoclusters beyond redshift 4

## Rapid Talks Session #2

- 1. Ramiro Cayuso (Perimeter Institute), Numerical simulations in effective field theory extensions to GR
- 2. Santanu Das (Imperial College London), Mach principle, gravity, dark matter, and dark energy
- 3. Gregory Kaplanek (Imperial College London), Minimal decoherence in single-field inflation
- 4. **Joshua MacEachern (University of British Columbia)**, The Canadian galactic emission mapper (CGEM): An 8-10GHz Northern sky polarization survey to aid in the B-mode search
- 5. Masroor Pookkillath (CTPNP, Mahidol University, Thailand), Extended minimal theories of massive gravity
- 6. Jan Schuette-Engel (University of Illinois at Urbana-Champaign), Freezing-in gravitational waves
- 7. **Zach Weiner (University of Washington),** New physics with low-frequency gravitational waves: neutrino interactions, axions, and early dark energy
- 8. Luna Zagorac (Perimeter Institute), Ultralight dark matter dynamics in the language of eigenstates
- 9. Yuri V. Gusev (Simon Fraser University), An axiomatic approach to the unified field action
- 10. **Alessandra Silvestri (Leiden University)**, What we learned from a cosmological reconstruction of gravity I
- 11. Levon Pogosian (Simon Fraser University), What we learned from a cosmological reconstruction of gravity II
- 12. Zhuangfei Wang (Simon Fraser University), New MGCAMB

## **Posters**

- 1. **Conner Gettings (UW),** Torsion balance tests of gravity
- 2. Raelyn Sullivan (UBC), Measuring birefringence in real space
- 3. Ryley Hill (UBC), Galaxy protoclusters beyond redshift 4
- 4. **Tom Andersen (NSCIR),** Bohmian trajectory gravity a better semiclassical gravity
- 5. Kurt Koltko, Gauge CPT, experimental tests, and the Tully-Fisher law
- 6. **Asuka Ito,** Exploring high frequency gravitational waves with magnons
- 7. Guillaume Dideron, SCoRe: A new framework to study unmodeled physics from gravitational wave data
- 8. **Ann Nakato**, Anisotropic warm inflation
- 9. **Jordan Krywonos**, Testing the robustness of statistical inference for cosmological parameter measurements
- 10. Kiana Salehi, Shadow implications: What does measuring the photon ring imply for gravity
- 11. Sotirios Mygdalas, Lorentzian quasicrystals and the irrationality of spacetime
- 12. **Tomoya Tachinami,** Non-relativistic stellar structure in generic higher-curvature gravity
- 13. Conner Dailey, Reflecting boundary conditions in numerical relativity as a model for black hole