

AdS/CFT meets carrollian & celestial holography

Monday 8 – Friday 12 September 2025

The programme is subject to change. All times are British Summer Time (BST).

MONDAY 8 SEPTEMBER 2025	
Theme: From AdS to flat space holography	
09.00 – 09.30	Registration
09.30 - 10.30	Vision/discussion session Jan de Boer, Shiraz Minwalla, Marc Henneaux
10.30 - 11.00	Refreshments
11.00 - 11.40	Ellis) Ye Yuan , Zhejiang University <i>Kaluza-Klein AdS Virasoro-Shapiro Amplitudes</i>
11.40 – 12.20	Akshay Yelleshpur Srikant , University of Oxford <i>Towards a Flat Space Carrollian Hologram from AdS₄/CFT₃</i>
12.20 - 14.00	Lunch
14.00 – 14.40	Massimo Taronna , University of Naples Federico II <i>A New Prescription for Celestial Correlators</i>
14.40 - 15.20	Ana-Maria Raclariu , King's College London <i>Infinite towers of 2d symmetry algebras from Carrollian limit of 3d CFT</i>
15.20 - 15.50	Refreshments
15.50 – 16.30	Prateksh Dhivakar , University of Victoria <i>Carrollian perspective on the flat limit of AdS/CFT</i>
16.30 – 17.10	Per Kraus , University of California-Los Angeles <i>Carrollian partition functions and the path integral for scattering</i>
17.10 – 18.10	Welcome Reception

TUESDAY 9 SEPTEMBER 2025	
Theme: Celestial and Carrollian holography	
09.30 – 10.45	Vision/discussion session Shamik Banerjee, Laura Donnay, Laurent Freidel, Daniel Grumiller
10.45 - 11.00	Refreshments
11.00 - 11.40	Stephan Stieberger , Max Planck Institut für Physik <i>High-energy string theory and tensionless strings</i>
11.40 – 12.20	Romain Ruzziconi , Harvard University <i>Flat Space/Carrollian Limit of AdS/CFT in General Dimensions</i>
12.20 - 14.00	Lunch
14.00 – 14.40	Tomasz Taylor , Northeastern University <i>De Sitter S-matrix in Deep Infrared</i>
14.40 - 15.20	Shamik Banerjee , National Institute of Science Education and Research <i>Talk title TBC</i>
15.20 - 15.50	Refreshments
15.50 – 16.30	Marc Geiller , Centre national de la recherche scientifique <i>Twisting asymptotically-flat spacetimes</i>
16.30 – 17.10	Kevin Nguyen , Université Libre de Bruxelles <i>Hilbert space and unitarity in celestial and carrollian holography</i>

17.30 – 18.30	Public Lecture at the Bayes Theorem (Ground floor) Shiraz Minwalla , Tata Institute of Fundamental Research <i>The Search for Quantum Gravity</i>
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WEDNESDAY 10 SEPTEMBER 2025	
Theme: Non-Lorentzian holography	
09.30 - 10.30	Vision/discussion session Stephane Detournay, Marika Taylor
10.30 - 11.00	Refreshments
11.00 - 11.40	Daniel Grumiller , University of Vienna <i>Schwarzian sector of 2d Carrollian CFT</i>
11.40 – 12.20	Wei Song , Tsinghua University <i>Exploring explicit models of Carrollian CFTs in 2D</i>
12.20 - 14.00	Lunch and free afternoon

THURSDAY 11 SEPTEMBER 2025	
Theme: Recent developments in scattering amplitudes	
09.30 - 10.30	Vision/discussion session Paul Heslop, Carlo Heissenberg, Lionel Mason
10.30 - 11.00	Refreshments
11.00 - 11.40	David Skinner , University of Cambridge <i>Ambitwistors and AdS/CFT</i>
11.40 – 12.20	Alok Laddha , Chennai Mathematical Institute <i>On Parametric Renormalisation of the S-matrix</i>
12.20 - 14.00	Lunch
14.00 – 14.40	Glenn Barnich , Université libre de Bruxelles & International Solvay Institutes <i>Model spaces as constrained Hamiltonian systems: Application to SU(2)</i>
14.40 - 15.20	Sucheta Majumdar , CPT Marseille <i>Carroll theories from Lorentzian light-cone actions</i>
15.20 - 15.50	Refreshments
15.50 – 16.30	Nathan Moynihan , Queen Mary University of London <i>Talk title TBC</i>
16.30 – 17.10	Javier Peraza Martiarena , Concordia University <i>Some developments on higher order symmetries in gauge theories and gravity at null infinity</i>
19.00 onwards	Workshop dinner at The Scholar Pollock Estate, 18 Holyrood Park Rd, Edinburgh EH16 5AY

FRIDAY 12 SEPTEMBER 2025	
Theme: Cosmological bootstrap	
09.30 – 10.30	Vision/discussion session Paolo Benincasa, Enrico Pajer, Kostas Skenderis
10.30 - 11.00	Refreshments
11.00 - 11.40	Enrico Pajer , University of Cambridge <i>Unitary and Analytic Renormalisation of Cosmological Correlators</i>
11.40 – 12.20	Chandramouli Chowdhury , University of Southampton <i>Cosmological Graphs from Scattering Amplitudes</i>
12.20 - 14.00	Lunch
14.00 - 14.40	Paul McFadden , Durham University <i>The renormalisation of IR divergences in de Sitter</i>
14.40 – 15.20	Charlotte Sleight , University of Naples Federico II <i>Holographic Correlators in the Sky from Euclidean anti-de Sitter space</i>
15.20	Farewell