

Session Program

4-7 Sept 2018

SAGEX Kickoff Meeting

Research Talks

Queen Mary University of London, G. O. Jones Building
327 Mile End Road London, E1 4NS United Kingdom

Tuesday 4 September

10:10

Research Talks: Session 1

Session | **Location:** G. O. Jones Lecture Theatre

10:10–10:15

Welcome (Prof. Bill Spence, Vice Principal for Research, QMUL)

10:15–11:00

Integrability, Scattering Amplitudes, and the Breaking of Yangian Invariance

Speaker

Matthias Staudacher

11:00

11:30

Research Talks: Session 2

Session | **Location:** G. O. Jones Lecture Theatre

11:30–12:15

Iterative non-iterative Integrals in Higher Loop Calculations

Speaker

Johannes Blümlein

12:15–13:00

Symbolic Summation and Integration Tools for Feynman Integrals

Speaker

Carsten Schneider

13:00

14:30

Research Talks: Session 3

Session | **Location:** G. O. Jones Lecture Theatre

14:30–15:30

Supergravity at Five Loops

Speaker

Zvi Bern

15:30–16:15

Playful Constructions in Double Copy Predictions (a story about stories)

Speaker

John Joseph Carrasco

16:15

Wednesday 5 September

10:15

Research Talks: Session 5

Session | **Location:** G. O. Jones Lecture Theatre

10:15–11:00

Amplitudes on plane wave backgrounds

Speaker

Lionel Mason

11:00

11:30

Research Talks: Session 6

Session | **Location:** G. O. Jones Lecture Theatre

11:30–12:15

Classical effective action of dilaton gravity as the double copy of Yang-Mills theory

Speaker

Jan Plefka

12:15–13:00

Transcendental Functions and Integrability

Speaker

Volker Schomerus

13:00

14:30

Research Talks: Session 7

Session | **Location:** G. O. Jones Lecture Theatre

14:30–15:30

N=4 SYM amplitudes and cosmic Galois theory

Speaker

Lance Dixon

15:30–16:15

Correlators in N=4 SYM at weak and strong coupling

Speaker

Paul Heslop

16:15

16:45

Research Talks: Session 8

Session | **Location:** G. O. Jones Lecture Theatre

16:45–17:30

Soft limits and Asymptotic Symmetries

Speaker

Tristan McLoughlin

17:30

Thursday 6 September

09:30

Research Talks: Session 9

Session | **Location:** G. O. Jones Lecture Theatre

09:30–10:15

Direct Solutions of IBP Systems

Speaker

David Kosower

10:15–11:00

QCD splitting functions and cusp anomalous dimensions at four loops

Speaker

Sven Moch

11:00

11:30

Research Talks: Session 10

Session | **Location:** G. O. Jones Lecture Theatre

11:30–12:15

Gravity Amplitudes and General Relativity

Speaker

Emil Bjerrum-Bohr

12:15–13:00

Form factors from N=4 SYM to Higgs+gluon amplitudes

Speaker

Andreas Brandhuber

13:00