Session Program

18–21 Nov 2026



California AI Amplitudes School and Workshop

Participant talks

Bhaumik Collaboratory , Young Hall 4222
Department of Chemistry, UCLA

Saturday 21 November

09:00

Participant talks

Session | **Location:** Bhaumik Collaboratory , Young Hall 4222, Department of Chemistry, UCLA

09:00–09:45 **Tools for efficient perturbative QFT computations**

Speaker
Michael Borinsky

09:45–10:30 **Aspects of Order at Infinite Temperature**

Speaker
Amey Gaikwad

10:30

11:00

Participant talks

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11:00–11:45 **Finding the long lost brother of Qbar**

Speaker
Yichao Tang

11:45–12:30 **AI, polytopes and IR singularities**

Speaker
Giulio Salvatori

12:30

14:00

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14:00–14:45 **IBP reduction with symbolic powers done by Claude**

Speaker
Piotr Bargiela

14:45–14:55 **Building better bases for the amplitude bootstrap**

Speaker
Haotian Cao

14:55–15:05
Combining Artificial and Human Intelligence for Functional Renormalization Group Flows

Speaker
Samuel Degen

15:05–15:15 **The AdS/Fishnet Correspondence**

Speaker
Marcos Skowronek

15:15–15:25
Constructing Scattering Amplitudes with Transformer Reinforcement Learning

Speaker
Philip Velie

15:25–15:35 **Surface Water Wave Scattering**

Speaker
Francesco Calisto

15:35–15:45 **Physicist's Introduction to AI Safety and Alignment**

Speaker
Artyom Lisitsyn

15:45–15:55 **Resummation of Super-Leading Logarithms**

Speaker
Josua Scholze

16:05