

Accelerating Math and Theoretical Physics with AI

Wednesday March 4, 2026

- 8:00–8:40 *Check-In/Breakfast (Hosted by IPAM)*
- 8:45–8:50 *Welcome and Opening Remarks*
- 8:50–9:35 **Sergei Gukov** (California Institute of Technology)
The role of AI in mathematical (re)search
- 9:35–9:50 *Break*
- 9:50–10:35 **Nathaniel Craig** (University of California, Santa Barbara (UCSB))
Reasoning Accelerators for High Energy Physics
- 10:35–10:50 *Break*
- 10:50–11:35 **Lance Dixon** (SLAC National Accelerator Laboratory)
AI for Theory Data
- 11:35–11:50 *Break*
- 11:50–12:50 *Physics Panel: Moderator: Zvi Bern (Bhaumik Institute, UCLA) Panelists: Wahid Bhimji (LBNL, NERSC), Kyle Cranmer (Wisconsin), Alex Lupsasca (OpenAI, Vanderbilt), Eva Silverstein (Stanford)*
- 12:50–2:00 *Lunch & networking*
- 2:00–3:00 *Fireside Chat: Terence Tao (UCLA/IPAM) and Mark Chen (OpenAI), Moderator: James Donovan (OpenAI)*
- 3:00–3:30 *Break and walk to Bhaumik Public Lecture at CNSI*
- 3:30–4:30 *Bhaumik Public Lecture (Location: CNSI): Kevin Weil, VP of OpenAI for Science. A public-facing talk on OpenAI for Science's mission and the accelerating future of mathematical and scientific discovery*
- 4:30–4:40 *Walk from CNSI to IPAM*
- 4:40–5:40 *Reception (Location: IPAM Lobby)*



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