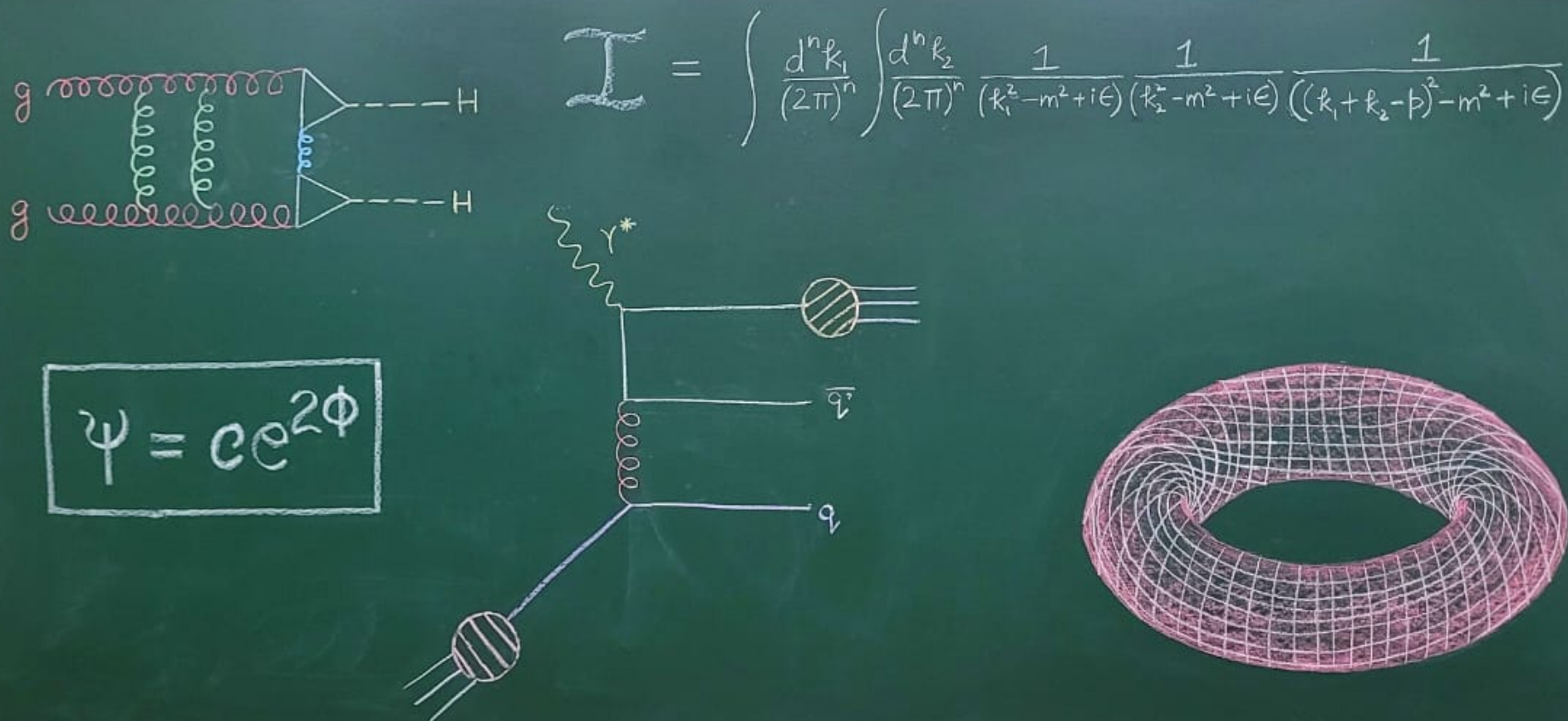




# THE INSTITUTE OF MATHEMATICAL SCIENCES



## AMPS School 2025

Advanced Methods in Precision Studies  
1-6 July, IMSc Chennai

Advanced computational techniques essential for precision studies in high energy physics are the central focus of this program. Topics include the evaluation of multi-loop and multi-leg Feynman integrals which are critical for accurate predictions at the colliders such as LHC and EIC. Emphasis is placed on the role of elliptic and other sophisticated special functions that arise in the analytic calculation of Feynman integrals, reflecting recent advances at the intersection of particle physics and mathematical physics.

### Organizers

Saurav Goyal, Vaibhav Pathak, V. Ravindran

### Contact Us

[amps.pqcd@gmail.com](mailto:amps.pqcd@gmail.com)

### Speakers

M.C. Kumar (IITG)  
Narayan Rana (NISER)  
V. Ravindran (IMSc)  
Ambresh Shivaji (IISERM)  
Satyajit Seth (PRL)  
Anurag Tripathi (IITH)

### Venue

ECG Sudarshan Hall,  
IMSc

