

LIST OF POSTERS

1) Gong Show and Posters on June 18 at Sakura Hall

- Gong show: 17:00-18:30 (3 min 30 sec for each talk)
- Gong show posters: 18:30-20:30

1. Yiwen Pan (Uppsala University/Sun Yat-sen University)
"Intersecting 3d mirror symmetry"
2. Xiaomeng Xu (Massachusetts Institute of Technology)
"Frobenius manifolds and quantum groups"
3. Jie Gu (Ecole normale superieure)
"Modular solutions to minimal 6d SCFTs, and how to blow up them all"
4. Hong Zhang (Chinese Academy of Sciences)
"Supersymmetric Yangian, DIM algebra, and AGT relation"
5. Haoyu Sun (UC Berkeley)
"S-duality, quadratic reciprocity, and double Janus configurations"
6. Antonio Sciarappa (KIAS)
"Higher qq-characters and S-duality of Wilson loops/surfaces"
7. Andrei Constantin (Uppsala University)
"The monodromy group of a two-parameter family of K3 surfaces"
8. Ling Lin (University of Pennsylvania)
"Mordell-Weil group and global gauge group of F-theory"
9. Fabio Apruzzi (UNC Chapel Hill & UPenn)
"4D gauge theories with conformal matter"
10. Patrick Jefferson (Harvard University)
"Geometric classification of 5d SCFTs at fixed rank"
11. Monica Jinwoo Kang (Harvard University)
"Mordell-Weil torsion, anomalies, and phase transitions"
12. Yusuke Nakajima (Kavli IPMU, University of Tokyo)
"On non-commutative crepant resolutions of some toric rings"
13. Konstantin Aleshkin (SISSA/Landau ITP)
"Special geometry on the 101-dimensional moduli space of the quantic threefold"
14. Seyedeh Maryam Noorbakhsh (Science Beam Institute)
"Non-compactness horizon black holes at ultra-spinning limit"
15. Lakshya Bhardwaj (Perimeter Institute for Theoretical Physics)
"Turaev-Viro construction of unoriented 3d TFTs"

2) Posters at Centennial Hall

■ Group A: June 19 morning – June 20 12:00

- A1. Yiwen Pan (Uppsala University/Sun Yat-sen University)
"Intersecting 3d mirror symmetry"
- A2. Shuichi Yokoyama (YITP, Kyoto University)
"Aspects of minimal $N=4$ Chern-Simons theories"
- A3. Jie Gu (Ecole normale superieure)
"Modular solutions to minimal 6d SCFTs, and how to blow up them all"
- A4. Haoyu Sun (UC Berkeley)
"S-duality, quadratic reciprocity, and double Janus configurations"
- A5. Yinan Wang (Massachusetts Institute of Technology)
"Probing the set of complex 3D bases in 4D F-theory and $N=1$ SCFT"
- A6. Alex Takeda (UC Berkeley)
"A local-to-global principle for stability conditions on Fukaya categories of surfaces"
- A7. Benjamin Sung (Northeastern University)
"Computing sheaf cohomology on Calabi-Yau hypersurfaces in toric varieties and D-brane instantons"
- A8. Marco Fazzi (Technion)
"Geometric engineering on flops of length two"
- A9. Patrick Jefferson (Harvard University)
"Geometric classification of 5d SCFTs at fixed rank"
- A10. Rodrigo Barbosa (University of Pennsylvania)
"Large N duality and the M-theory flop"
- A11. Kohei Kikuta (Osaka University)
"Entropy of categorical dynamics"
- A12. Kenta Shiozawa (Kitasato University)
"Worldsheet instanton corrections to five-branes and waves in double field theory"
- A13. Yusuke Nakajima (Kavli IPMU, University of Tokyo)
"On non-commutative crepant resolutions of some toric rings"
- A14. Sanefumi Moriyama (Osaka City University)
"One-point functions in ABJM matrix model"
- A15. Konstantin Aleshkin (SISSA/Landau ITP)
"Special geometry on the 101-dimensional moduli space of the quintic threefold"
- A16. Seyedeh Maryam Noorbakhsh (Science Beam Institute)
"Non-compactness horizon black holes at ultra-spinning limit"
- A17. Koji Yamaguchi (Tohoku University)
"Soft-hair-enhanced entanglement beyond Page curves in a black-hole evaporation qubit model"
- A18. Lakshya Bhardwaj (Perimeter Institute for Theoretical Physics)
"Turaev-Viro construction of unoriented 3d TFTs"
- A19. Bivudutta Mishra (BITS-Pilani)
"String cosmological models in $f(R,T)$ gravity with hybrid scale factor"
- A20. Nafiz Ishtiaque (Perimeter Institute for Theoretical Physics)
"Chiral rings from localization on spheres"
- A21. Qingyuan Jiang (Chinese University of Hong Kong)
"Categorification of Plücker formula and Rozansky-Witten theory"
- A22. Seramika Ari Wahyoedi (Institut Teknologi Bandung)
"(2+1) Regge calculus: Discrete curvatures, Bianchi identity, and Gauss-Codazzi equation"
- A23. Kaiwen Sun (SISSA)
"Blowup equations and refined topological strings"
- A24. Sunil Tripathy (Indira Gandhi Institute of Technology)
"Cosmological model with dark energy anisotropy"
- A25. Matthew Young (Chinese University of Hong Kong)
"Real 2-representations in mathematics and physics"
- A26. Le Cong Trinh and Du Thi Hoa Binh (Quy Nhon University)
"Handelman's Positivstellensatz for polynomial matrices positive definite on polyhedral"
- A27. Gauranga Samanta (BITS-Pilani)
"Three fluid cosmological models in general relativity"
- A28. Yasunori Lee (Kavli IPMU, University of Tokyo)
"A study of time reversal symmetry of abelian anyons"
- A29. Jin-Beom Bae (KIAS)
"Modular constraints on conformal field theories with currents"
- A30. Georgios Korpas (Trinity College Dublin)
"Surface defects and mock theta functions"
- A31. Yu-Chien Huang (Massachusetts Institute of Technology)
"Most known Calabi-Yau threefolds are elliptic or genus one fibered"
- A32. Mocho Go (Kavli IPMU, University of Tokyo)
"Automatic Generator of Conformal Bootstrap Equation for various Global Symmetry"

■ Group B: June 21 morning – June 22 12:00

- B1. Xiaomeng Xu (Massachusetts Institute of Technology)
"Frobenius manifolds and quantum groups"
- B2. Hong Zhang (Chinese Academy of Sciences)
"Supersymmetric Yangian, DIM algebra, and AGT relation"
- B3. Antonio Sciarappa (KIAS)
"Higher qq-characters and S-duality of Wilson loops/surfaces"
- B4. Andrei Constantin (Uppsala University)
"The monodromy group of a two-parameter family of K3 surfaces"
- B5. Ling Lin (University of Pennsylvania)
"Mordell-Weil group and global gauge group of F-theory"
- B6. Hongfei Shu (Tokyo Institute of Technology)
"Generalized ODE/IM correspondence and its application to N=2 gauge theories"
- B7. Fabio Apruzzi (UNC Chapel Hill & UPenn)
"4D gauge theories with conformal matter"
- B8. Naotaka Kubo (YITP, Kyoto University)
"Two-point functions in ABJM matrix model"
- B9. Monica Jinwoo Kang (Harvard University)
"Mordell-Weil torsion, anomalies, and phase transitions"
- B10. Fei Yan (University of Texas at Austin)
"Line defect Schur indices, Verlinde algebras and U(1)-fixed points"
- B11. Matsuo Sato (Hiroasaki University)
"Superstring geometry and non-perturbative formulation of superstring theory"
- B12. Jacob Winding (KIAS)
"The art of pestunization"
- B13. Anuar Alias (University of Malaya)
"Spatial-temporal dynamics of wormholes in a braneworld model"
- B14. Kyoung-ho Cho (Sogang University)
"Einstein double field equations"
- B15. Fakhreh MD Esmaeili (University of Hyderabad)
"Effect of scale factor in anisotropic feature of cosmological models"
- B16. Weiqiang He and Yifan Li (Tsinghua University)
"Mathematical research on Landau-Ginzburg model"
- B17. Hyunmoon Kim (Seoul National University)
"The complexified orientation bundle on a moduli space of pseudoholomorphic disks"
- B18. Chen-Te Ma (National Taiwan University)
"String theory with doubled target space"
- B19. Shah Parth Mukeshbhai (BITS-Pilani)
"Stability analysis of the cosmological models in various fluids"
- B20. Tran Dinh Phung (Quy Nhon University)
"Dynamic Picone's identity and its application"
- B21. Pradyumn Kumar Sahoo (BITS-Pilani)
"Magnetized strange quark model with big rip singularity in f(R;T) gravity"
- B22. Christophe Wacheux (IBS-CGP)
"Convexity of the base space for singular Lagrangian fibrations"
- B23. Dongwook Choa (Seoul National University)
"Globalization of local mirror functor"
- B24. Aditya Bawane (Sogang University)
"Minimal gravity on a disk and open intersection theory"
- B25. Noriaki Ikeda (Ritsumeikan University)
"Constrained systems and Lie algebroids, their BV and BFV formalisms"
- B26. Hikaru Yamamoto (Tokyo University of Science)
"Special Lagrangian and deformed Hermitian Yang-Mills on tropical manifolds"
- B27. Jumpei Gohara (Tokyo University of Science)
"Graph theoretical approach to coherent states of fuzzy membrane"
- B28. Yuji Sugimoto (Osaka City University)
"Refined geometric transition and qq-characters"
- B29. Masayuki Fukuda (University of Tokyo)
"Blow-ups and vertex operator algebras"
- B30. Craig Lawrie (ITP Heidelberg)
"AdS3/CFT2 and F-theory"
- B31. Masashi Hamanaka (Nagoya University)
"Noncommutative Instantons in Operator Formalism"