## 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 (кіля) "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 (Hirosaki 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. Fakhereh 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) "F is for Fiber: Theories of Class F and Their Anomalies"
- B31. Masashi Hamanaka (Nagoya University) "Noncommutative Instantons in Operator Formalism"