

**Spring 2025 Undergraduate Research Conference: *Project Focus: Purdue Computes***

This list is inclusive of all presentations where the program was identified in the conference application. Students' and Mentors' names are based on information submitted in conference applications, except for the following:

- Purdue students' divisions are based on institutional academic data. (Visiting students do not have a division.)
- Purdue mentors' divisions are based on their primary appointment at Purdue.
- Name spellings appear as submitted in OURConnect. Names may be edited (for future reporting) via "my profile" in OURConnect.

Student Role Notation: †Presenting Author, ‡ Contributing Author, \*Acknowledgment

Presentation	Students	Mentors and Other Acknowledgments
Poster #1208 presented 4/08 @ 10:30-11:30am	Dilay Aygunt† (Engineering) Ryan Prado Bailey† (Engineering JMHC) Charlita Sinmak† (Engineering) Matyas Kubon† (Engineering) Laksh Nagpal† (Engineering) Ashwin Amit Parab† (Engineering)	Zhihong Chen (Engineering) Joerg Appenzeller (Engineering)
Poster #1219 presented 4/08 @ 10:30-11:30am	Siddarth Balaji Calidas† (Engineering) Andrew James Larkins‡ (Engineering)	Vishnu Chaithanya Lagudu (Engineering) Isaac P Hagedorn (Engineering) Mark Johnson (Engineering)
Poster #1225 presented 4/08 @ 10:30-11:30am	Jin-Jia Chang† (Polytechnic) Sebastian Montano Elbancol Knill† (Polytechnic) Po-Chin Yang† (Engineering)	Haiyan Li (Liberal Arts)
Poster #1234 presented 4/08 @ 10:30-11:30am	Jana Mohamed Ga Elsayed† (Engineering) Leen Alshaikh† (Engineering)	Steven R Dunlop (DSB) Stewart F Bauserman (Polytechnic)
Poster #1237 presented 4/08 @ 10:30-11:30am	Andrew Owen Fewell† (Engineering)	Peter Bermel (Engineering) Allen L Garner (Engineering)
Poster #1240 presented 4/08 @ 10:30-11:30am	Connor Bradley Frey† (Science) Joonyeoup Kim† (Engineering) Piotr Stanislaw Nabrzyski† (Engineering) William Benjamin Tao† (Engineering)	Fengqing Zhu (Engineering) Carla Zoltowski (Engineering) Edward J Delp (Engineering) Soudabeh Taghian Dinani (Engineering) Siddeshwar Raghavan (Engineering)
Poster #1267 presented 4/08 @ 10:30-11:30am	Seokjae Kim† (Engineering) Vivek Matta† (Engineering)	Matthew A Swabey (Engineering) Weijing Sebastian Chen (Engineering) Vishnu Chaithanya Lagudu (Engineering)
Poster #1272 presented 4/08 @ 10:30-11:30am	Avery Krupp† (Polytechnic)	Sooyeon Jeong (Science) Anastasia Kouvaras Ostrowski (Polytechnic) Rua Mae Williams (Polytechnic) Nishchal Jagadeesha (Science) Chorong Park (Polytechnic) Yanfu Liu (Science)
Poster #1278 presented 4/08 @ 10:30-11:30am	Gangsan Lee† (Engineering) Jozue Kim† (Engineering) Brian Martin Dodd† (Engineering) Ella Gores† (Engineering) Haneul (Sky) Kim† (Polytechnic) Sang Soo Ha† (Engineering)	Zhihong Chen (Engineering) Richard D Harlan (Centers & Institutes) Ronald K Reger (Centers & Institutes) Noah F Opondo (Centers & Institutes) Joon Hyeong Park (Centers & Institutes) Neil R Dilley (Centers & Institutes) Angshuman Deka (Centers & Institutes) Feichi Huang (Engineering)
Poster #1286 presented 4/08 @ 10:30-11:30am	Jason Dumauual Lyst† (Engineering) Namit Shailesh Joshi† (Polytechnic) Jayaditya Borah† (Engineering) Abhiraj Singh Jaswal† (Engineering)	Jaeun Kim (Engineering) Matthew A Swabey (Engineering) Andrea Marie Tener (Engineering)
Poster #1315 presented 4/08 @ 10:30-11:30am	Soham Rattan† (Engineering)	Timothy Francis Hein (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1327 presented 4/08 @ 10:30-11:30am	Ranav Sethi† (Science) Peter Edvardsson† (Science) Seung Hyun Choi† (Science) Ashwin Kazuki Thampi† (Engineering) Nathan Zhou† (Science) Si Ci Chou† (Engineering) Sean Xiaoyang Su† (Engineering JMHC)	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering)
Poster #1337 presented 4/08 @ 10:30-11:30am	Lawrence Folsom Smith† (Engineering) Hyeonwoo Heo† (Engineering) Christopher Xu† (Science) Minh Binh Tran† (Science) Kyle John Massie‡ (Engineering)	James C Davis (Engineering)
Poster #1347 presented 4/08 @ 10:30-11:30am	Sarthak Tandon† (Engineering)	Kiseop Lee (Science)
Poster #1450 presented 4/08 @ 12:00-1:00pm	Thomas Allen Greer† (Engineering) Erik Kocinare† (Engineering) Chao Min Chung† (Engineering)	Archana Dharanipragada (Engineering)
Poster #1601 presented 4/08 @ 1:30-2:30pm	Mohamed Alaa Moham Ahmed† (Engineering) Mohamed Sameh Abde Abdelmouty† (Engineering) Alex Sangwoo Park‡ (Science) Gunvanth Reddy Kandula‡ (Science JMHC)	James C Davis (Engineering)
Poster #1602 presented 4/08 @ 1:30-2:30pm	Mateus Ananias† (Purdue University)	Jing Gao (Engineering)
Poster #1608 presented 4/08 @ 1:30-2:30pm	Utkarsh Bali† (Science) Tim Nadolsky† (Science) Liam Matthew Stonestreet† (Science) Henry Hengyi Tsay† (Science)	Yung-Hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts)
Poster #1610 presented 4/08 @ 1:30-2:30pm	GeonHyo Beom† (HHS)	Carla B Rosell (Liberal Arts)
Poster #1622 presented 4/08 @ 1:30-2:30pm	Shaan Jitesh Chanchani† (Engineering) Claire Seol Kim† (Engineering) Joshua C Mansky† (Engineering) Zian Pant† (Engineering) Medhashree Parhy† (Science) Parth Thakre† (Science Graduate)	Amy R Reibman (Engineering) Haoyu Chen (Engineering)
Poster #1626 presented 4/08 @ 1:30-2:30pm	Vihaan Reddy Chinthakindi† (Engineering)	Timothy Francis Hein (Engineering) Mark Johnson (Engineering)
Poster #1628 presented 4/08 @ 1:30-2:30pm	Geetika Chitturi† (Engineering JMHC) Jou-Ting Lai† (Engineering)	Haitong Li (Engineering) Gabiella Maria Schr Torres (Centers & Institutes)
Poster #1629 presented 4/08 @ 1:30-2:30pm	Chengyu Chiu† (Engineering) Isabel Alejandra Arias Zambrano† (Engineering) Jenna Marie Marquette† (Engineering) Varun Rajesh† (Engineering) Anusha Gambheera† (Engineering JMHC)	Peter Bermel (Engineering) Saeed Mohammadi (Engineering) Tiwei Wei (Engineering)
Poster #1662 presented 4/08 @ 1:30-2:30pm	Andy Hanjun Hu† (Engineering) Mary Francis† (Engineering JMHC) Alexandra J Tauriainen† (Engineering JMHC) Dhruv Roopchand Khatri* (Engineering) Aishwarya Saikrupa Anand* (Engineering)	Cole Aaron Nelson (Engineering)
Poster #1663 presented 4/08 @ 1:30-2:30pm	Chun-Kang Huang† (Engineering) Pin-chen Su† (Engineering) Aadi Hsien-Lin Wu† (Engineering) Ying-Wei Lin† (Engineering) yoshiki takeuchi† (Engineering)	Peter Bermel (Engineering) Saeed Mohammadi (Engineering) Feichi Huang (Engineering)
Poster #1665 presented 4/08 @ 1:30-2:30pm	Arnav Jadhav† (Engineering) Christian Scheckel† (Engineering) In Jun Baek† (Science) Keshav Shylesh† (Science) Charles Spencer Bowles† (Engineering JMHC) Tanvi Chukka† (Engineering) Jinhoo Yoon† (Science)	Thomas Edgar Roth (Engineering) Samuel Theodore Elkin (Engineering) Ghazi Khan (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1680 presented 4/08 @ 1:30-2:30pm	Parv Kumart (Engineering) Lavangi X Yadava† (Science) Zackary Pieter Homrich† (Engineering) Parth Kapila† (Polytechnic) Rohan S Potta† (Science)	James C Davis (Engineering)
Poster #1686 presented 4/08 @ 1:30-2:30pm	Ho Jun Lee† (Engineering) Romy Kim† (Engineering) Cecilie Reingaard Wiuff† (Engineering) CHO-YI HSIEH† (Engineering) Jou-Ting Lai† (Engineering) Aditi Magesh† (Engineering JMHC) Stuti Rastogi† (Engineering)	Peter Bermel (Engineering) Saeed Mohammadi (Engineering) Tiwei Wei (Engineering) Feichi Huang (Engineering)
Poster #1690 presented 4/08 @ 1:30-2:30pm	Chloe Lin† (Science) Sage Clysta Stefonic† (Science) Devansh Khandelwal† (Science Graduate) Nicolas Shulga† (Science)	Zahra Ghodsi (Engineering) Yi En Gan (Engineering)
Poster #1693 presented 4/08 @ 1:30-2:30pm	Katherine Ma† (DSB) Jayaditya Borah† (Engineering) David Zhou Erickson† (Science)	Greg M Michalski (Science)
Poster #1697 presented 4/08 @ 1:30-2:30pm	Mohit Manna† (Engineering) Thomas Allen Greer‡ (Engineering)	Jason Dwight McKinney (Engineering) Vivek vasantrao Wankhade (Engineering)
Poster #1707 presented 4/08 @ 1:30-2:30pm	Anaey Gaurang Naik† (HHS JMHC)	Kristen Marie Bellisario (JMHC) Advita Rayarikar (JMHC) Parth Thakre (Science)
Poster #1728 presented 4/08 @ 1:30-2:30pm	Annabelle Rose Schultz† (Engineering) Annsh Santosh Navle† (Science) Christian Scheckel† (Engineering) Jack Thomas Willard† (Engineering JMHC) Jinhoo Yoon† (Science) Tanvi Chukka† (Engineering) Tylen Sean Fleming† (DSB)	Thomas Edgar Roth (Engineering) Ghazi Khan (Engineering) Samuel Theodore Elkin (Engineering)
Poster #1737 presented 4/08 @ 1:30-2:30pm	Christopher Michael Sigmund† (Engineering) Rohan Chandra Mudugere† (Engineering) Ivan Ni† (Science) Shrenick Sri Venkata Sai Gannamani† (Science) Lingyu Li† (Science) Donhyung Ko† (Engineering)	James C Davis (Engineering) Purvish Jatin Jajal (Engineering)
Poster #1740 presented 4/08 @ 1:30-2:30pm	John Henry Slater† (Science JMHC) Natalia Zagata† (Engineering) Braden Thomas Callaway† (Engineering) Lillian Ji† (Engineering) Jonathan George Cats† (Engineering) Anish Paspuleti† (Engineering)	James Michael Goppert (Engineering) Worawis Sribunma (Engineering) Chase Ja-ok Loeb (Engineering)
Poster #1749 presented 4/08 @ 1:30-2:30pm	Alexandra J Tauriainen† (Engineering JMHC) Andy Hanjun Hu† (Engineering) Mary Francis† (Engineering JMHC)	Mark Johnson (Engineering) Cole Aaron Nelson (Engineering)
Poster #1753 presented 4/08 @ 1:30-2:30pm	Parin Paresch Timbadia† (Engineering JMHC)	Isaac P Hagedorn (Engineering) Vishnu Chaithanya Lagudu (Engineering)
Poster #1756 presented 4/08 @ 1:30-2:30pm	Benjamin Anderson Tofil† (Engineering) Alexandre Chan Tome† (Engineering) Rakhmatillokhon Avazkhon u Abdubaev† (Engineering)	Peter Bermel (Engineering)
Poster #1761 presented 4/08 @ 1:30-2:30pm	Eylul Ustaoglu† (Engineering)	Kazuki Maeda (Engineering) Thibault Moli Maurel Oujia (Engineering)
Poster #1815 presented 4/10 @ 10:00-11:00am	Ramyasri S Vemavarapu† (Agriculture) Dana Camila Moreno Burgos‡ (Purdue University)	Zhixiang Chen (Agriculture)
Poster #1820 presented 4/10 @ 10:00-11:00am	Kartavya Vashishtha† (Science JMHC)	Suresh Jagannathan (Science)
Talk #7006 presented 4/10 @ 9:00am	Jiaming Situ† (Science)	Cole Aaron Nelson (Engineering)
Talk #7056 presented 4/10 @ 12:40pm	Bharath Anand† (Purdue University)	Ananth Y Grama (Science)

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Presentation	Students	Mentors and Other Acknowledgments
Talk #7070 presented 4/10 @ 1:40pm	Rishi Mantri† (Engineering) Arjun Sandeep Gupte† (Engineering) Chien Chou Ho† (Engineering) Leo Deng† (Science) Michael Lie Setiawan† (Science)	James C Davis (Engineering) Huiyun Peng (Engineering)
Talk #7075 presented 4/10 @ 1:20pm	Daniel C Xie† (Science JMHC)	Yexiang Xue (Science) Maxwell Joseph Jacobson (Science)
Talk #7093 presented 4/10 @ 2:20pm	Jordan Alexander Gainest† (Science JMHC)	Jukka Ilmari Vayrynen (Science) Guangjie Li (Purdue University)
Talk #7103 presented 4/10 @ 3:20pm	Aishwarya Saikrupa Anand† (Engineering) Seongjoong Yim† (Engineering) Devin Singh* (Engineering)	Cole Aaron Nelson (Engineering) Mark Johnson (Engineering) Burkay Sahin (Engineering) Malcolm Lloyd Seib McClymont (Engineering)
Talk #7123 presented 4/10 @ 4:20pm	Xuan Chen† (Engineering) Shivanya Chandra† (Science) Naeem Saeed Bahemia† (Science JMHC) Aarav Mangla† (Science) Isha Virat Yanamandra† (Science) Nina Hu† (Science Graduate) Alexander Chen† (Engineering)	Matthew A Swabey (Engineering) Jaeun Kim (Engineering)
Talk #7127 presented 4/10 @ 4:40pm	Akshith Garapati† (Science Graduate)	Linda E Haynes (Liberal Arts)
Celebrate #7206 presented 4/10 @ 1:00-3:00pm	Saadhana Kallampalli Illam† (Science)	Rahul Krishnan Pathinarupothi (Amrita University) Durga Padmavilochanan (Amrita University)
Talk #9008 presented 4/08-4/11 virtually	Genci Duraku† (Engineering) Arjun Julius Sideryst† (Engineering JMHC) Jack Spenser Zimmerman† (Engineering) Arina Harlanovich† (Engineering) Noah Everett Desserich† (Engineering) Austin Salomon Guerrero† (Engineering)	Malcolm Lloyd Seib McClymont (Engineering) Miguel Isrrael Teran (Engineering)
Talk #9025 presented 4/08-4/11 virtually	Evan Brent Osborne† (Engineering) Jayant Meenakshi Venkatesan† (Engineering)	Samitha Ranasinghe (Engineering) Thomas Kevin O'Donnell (Engineering)
Talk #9042 presented 4/08-4/11 virtually	Qinjia Xu† (Engineering) Xiang Fang‡ (Polytechnic)	Abolfazl Hashemi (Engineering) Zijian He (Engineering)