

SUMMER NANOSCIENCE ACADEMY

THURSDAY, JUNE 26

- 8:30-9:00 Registration check in - NST 1.104
 9:00-9:15 Welcome – Ken Shih
 9:15-10:15 Bill Lackowski – Intro to Nanoscience
 10:15-11:00 Wyatt Winkenwerder - Growth of Semiconductor Nanocrystals
 11:00-11:45 Gyeong Hwang - Computational Nanoengineering: Opportunities and Challenges
 11:45-1:00 Lunch
 1:00-4:00 Hands on Lab- David Vanden Bout & Keith Stevenson WEL 2.124

FRIDAY, JUNE 27

- 9:00-9:45 Petawatt laser tour, Erhard Gaul
 Group meets at RLM 2nd floor near elevator

Split up in 2 groups of 15 each at 9:45

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| 9:50-10:10 | Shih lab | RLM 3.118 | Markert lab | RLM 13.306 |
| 10:10-10:30 | de Lozanne | RLM 13.302 | Shih | RLM 3.118 |
| 10:30-10:50 | Markert | RLM 13.306 | de Lozanne | RLM 13.302 |
| 11:00-11:25 | TEM demo | ENS 31N | NST tour | NST lobby |
| 11:30-11:55 | NST tour | NST lobby | TEM demo | ENS 31N |
| 12:00-12:50 | Lunch | | | |
| 1:00 | UT Shuttle bus to Pickle campus | | | |
| 1:30-2:30 | Tour of TACC – Melyssa Fratkin ROC | | | |
| 2:40-3:10 | Sanjay Banerjee - Overview of Micro and Nano Electronics MER 2.114 | | | |
| 3:10-3:50 | Silicon Run movie | | | |
| 3:50-4:20 | Tour of Cleanroom- James/ Johnny | | | |
| 4:20-4:35 | Tour of Imprint facility- Gabe/ Jesse | | | |
| 4:35-5:00 | Tour of TEM facility- Domingo | | | |
| 5:10 | Catch UT shuttle bus back to campus. | | | |

SATURDAY, JUNE 28

- 9:00-9:45 Alex de Lozanne - Magnetoresistance: A Nobel Prize in your Computer
 9:45-10:30 Brian Korgel - Why quantum mechanics matters when it comes to nanomaterials
 10:30-11:30 Traveling Physics Circus (Jack Turner) PAI 2.48
 11:30-12 Group photo
 12:00 Lunch
 1:00-4:00 Teachers Forum (Rebecca Flagg Thompson)
 1:00-4:00 Student activities with IGERT Trainee