BRIEF AGENDA - 8/16/17 draft TMT Future Leaders Workshop University of California, Santa Cruz

| Monday, August 21 | | | |
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| 5:30 PM | Dinner | Rachel Carson Dining | |
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| Tuesday, August 22 | | | |
| 7:30 – 8:15 AM | Breakfast | Rachel Carson Dining | |
| 8:45 – 9:00 AM | Registration | Multi-Purpose Room | |
| 9:00 – 10:00 AM | Welcome and orientation | Multi-Purpose Room | |
| 10:00 – 10:45 AM | Participant and instructor introductions | Multi-Purpose Room | |
| 10:45 – 11:15 AM | Small group discussion on reading assignment (TMT | Multi-Purpose Room | |
| | Detailed Science Case and Science Requirements) | | |
| 11:15 – 11:30 AM | Break | | |
| 11:30 AM -12:15 PM | WFOS and collaborative observing for TMT – Kevin Bundy | Multi-Purpose Room | |
| 12:15 – 1:45 PM | Lunch (including transit time) | Rachel Carson Dining | |
| 1:45 – 3:30 PM | Tours of UCSC lab facilities | Multi-Purpose Room | |
| 3:30 – 5:15 PM | TMT Mini-Projects: introduction | Multi-Purpose Room | |
| 5:45 PM | Dinner | Rachel Carson Dining | |
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| | Wednesday, August 23 | • | |
| 7:30 – 8:30 AM | Breakfast | | |
| 9:00 – 9:30 AM | Morning reflections and overview of day | Multi-Purpose Room | |
| 9:30 – 11:15 AM | Working in large science projects – Gary Sanders | Multi-Purpose Room | |
| 11:15 – 12:15 | Analog-to-Digital lab activity: Part 1 | Multi-Purpose Room | |
| 12:15 – 1:45 PM | Lunch (including transit time) | Rachel Carson Dining | |
| 1:45 – 5:15 PM | Analog-to-Digital lab activity: Part 2 | Multi-Purpose Room | |
| 5:45 PM | Dinner | Rachel Carson Dining | |
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| Thursday, August 24 | | | |
| 7:30 – 8:30 AM | Breakfast | Rachel Carson Dining | |
| 9:00 – 9:30 AM | Morning reflections & overview of day | Multi-Purpose Room | |
| 9:30 – 11:15 AM | TMT Mini-Projects: working time | Multi-Purpose Room | |
| 11:15 AM – 12:15 PM | Systems Engineering – Scott Roberts | Multi-Purpose Room | |
| 12:15 – 1:15 PM | Box lunch | Multi-Purpose Room | |
| 1:15 – 1:45 PM | TMT Science Involvement – Warren Skidmore | Multi-Purpose Room | |
| 1:45 – 5:15 PM | Instrument Design: conceptual design – Renate Kupke | Multi-Purpose Room | |
| 5:45 PM | Dinner | Rachel Carson Dining | |

| Friday, August 25 | | | |
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| 7:30 – 8:15 AM | Breakfast | Rachel Carson Dining | |
| 8:45 – 9:15 AM | Morning reflections & poster set up | Multi-Purpose Room | |
| 9:15 – 10:15 AM | Development of WFOS – Maureen Savage | Multi-Purpose Room | |
| 10:15 – 10:30 AM | Break | | |
| 10:30 AM – 12:30 PM | Instrument Design: design specifications – Renate | Multi-Purpose Room | |
| | Kupke, Warren Skidmore | _ | |
| 12:30 – 1:30 Pm | Box lunch and prepare to report on instrument design | | |
| 1:30 AM – 2:45 PM | Instrument Design: report on designs – Renate | Multi-Purpose Room | |
| | Kupke, Warren Skidmore | | |
| 2:45 – 3:00 PM | Break | | |
| 3:00 – 5:30 PM | TMT Future Leaders Symposium | Multi-Purpose Room | |
| 6:00 PM | Dinner | Rachel Carson Dining | |
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| Saturday, August 26 – NO SESSIONS | | | |
| Sunday, August 27 | | | |
| 3:30 PM – 12:00 AM | Visit to Lick Observatory at Mt. Hamilton | | |
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| Monday, August 28 | | | |
| 9:30 – 10:00 AM | Breakfast | Multi-Purpose Room | |
| 10:00 – 10:30 AM | Morning reflections & overview of day | Multi-Purpose Room | |
| 10:30 – 12:00 PM | Instrument Design: use cases – Christophe Dumas | Multi-Purpose Room | |
| 12:00 - 1:00 | Box lunch | | |
| 1:00-2:30 | TMT Mini-Projects: working time | Multi-Purpose Room | |
| 2:30 – 2:45 PM | Break | | |
| 2:45 – 5:30 PM | Project Management – Dave Palmer | Multi-Purpose Room | |
| 5:45 PM | Dinner | Rachel Carson Dining | |
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| Tuesday, August 29 | | | |
| 7:45 – 8:30 AM | Breakfast | Rachel Carson Dining | |
| 9:00 – 9:30 AM | Morning reflections and overview of day | Multi-Purpose Room | |
| 9:30 – 11:00 AM | Software Group Session – Hanne Buur | Multi-Purpose Room | |
| 11:00 – 12:15 PM | TMT Mini-Projects: working time | Multi-Purpose Room | |
| 12:15 – 1:00 PM | Box lunch and prepare to report on mini-project | Multi-Purpose Room | |
| 1:00 – 2:00 PM | TMT Mini-Projects: report out | Multi-Purpose Room | |
| 2:00 – 3:00 PM | Tools and Strategies for Collaborating – Jessica Lu | Multi-Purpose Room | |
| 3:00 – 3:15 PM | Break | | |
| 3:15 – 4:45 PM | Workshop feedback and input on program design | Multi-Purpose Room | |
| 4:45 – 5:15 PM | Wrap-up and survey | Multi-Purpose Room | |
| 5:45 PM | Dinner | Rachel Carson Dining | |

Two pieces of the workshop overlap with multiple sessions and will give participants an extended opportunity to work in teams developing ideas and resources that are highly relevant to the TMT project.

Instrument Design: participants will work to define science requirements for a future generation of instruments, and design concepts and specifications that will achieve the requirements.

TMT Mini-Projects: participants will collaborate on small (3-4 hr) projects informing specific case studies or problems of interest to the TMT Project Office and the ISEE/TMT International Program.