

sPHENIX LDRD/DR Project Appraisal – Final Agenda
Room: JRO 1&2 room on the first floor of the LANL Research Library
2/1/2018: 8:00AM - 1:00PM

3.5hrs presentations & discussions/assessment:

- 35' talk=25'+10'; 25'=20'+5'; 20'= 15+5'; 15'= 12+3'.

- Talks will be given by subject matter experts

1hr closed discussion

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|---|------------------------------|
| 1. LDRD office introduction & review charge (5') | 8:00-8:05 Bill Priedhorsky |
| 2. LDRD overview and goals (35') | 8:05-8:40 Ming Liu |
| - High-level summary of Experiment and Theory | |
| - Cost & schedule of LDRD | |
| 3. Progress and Plan (I) | |
| a. Theory – Introduction and perturbative QCD (20') | 8:40 – 9:00 Ivan Vitev |
| b. Soft Collinear Effective Theory for b-jet substructure (15') | 9:00 – 9:15 Chris Lee |
| c. Molecular Dynamics simulations (15') | 9:15 - 9:30 Jerome Daligault |
| d. Hydro and numerical computations (15') | 9:30 - 9:45 Boram Yoon |

Coffee break – 15'

9:45-10:00

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| 4. Progress and Plan (II) | |
| a. Physics & detector simulations (15') | 10:00-10:15 Darren McGlinchey |
| b. ALPIDE introduction & test stand (15') | 10:15-10:30, Xuan Li |
| c. MVTX readout integration (15') | 10:30-10:45 Alex Tkatchev |
| d. Telescope & tracking test (15') | 10:45-11:00 Sho Uemura |
| e. MVTX mechanical conceptual design (15') | 11:00-11:15 Walt Sondheim |
| 5. Summary and transition plan MVTX proposal (25') | 11:15-11:40 Cesar da Silva |
| a. Cost & schedule of MVTX/sPHENIX | |

End of presentations, short break – 10'

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| 6. Executive closed session/Lunch (60') | 11:50-12:50 Committee |
| 7. Panel meet with PI/co-PI (10') | 12:50-13:00 Committee |

Invited line and program managers for the talks:

P-25, PDO, T-2, TDO, LDRD, ADs ...