

Lithium Research TSG line-up

| | Author | max days request | min days request | Particle control | Impurity control | ITPA/ITER | R11-3 | Title |
|---|----------------|------------------|---------------------------------|---------------------------------|------------------|-----------|-------|---|
| LLD Commissioning: | | | | | | | | |
| | Kugel | 6 | 5 | ✓ | | | ✓ | LLD-1 Commissioning.rtf |
| Particle Control | | | | | | | | |
| | Gerhardt | 1 | 1 | ✓ | | ✓ | ✓ | Optimization of High-In Scenarios at Reduced C |
| | Kallman | 1 | 0 | ✓ | | | ✓ | High resolution measurements of modifications |
| | Skinner | 2 | 1 | ✓ | | | ✓ | D retention with LLD.rtf |
| subtotal days: | Soukhanovskii | 1 | 1 | ✓ | | | ✓ | Recycling and Pumping characterization of the I |
| 5 | 3 | | | | | | | |
| Impurity control | | | | | | | | |
| | Gray | 1 | 1 | | ✓ | | ✓ | Study of Neoclassical Transport Mechanisms of |
| | Mansfield | 1 | 0.5 | | ✓ | | ✓ | Can Impurities be Purged from the Core by Allo |
| | Mansfield | 1 | 0.5 | | ✓ | | ✓ | Understanding _ Eliminating High-Z Accumulati |
| | Skinner | 2 | 1 | | ✓ | ✓ (ELMs) | ✓ | Impurity Reduction by Diffusive Li Injection.rtf |
| | Soukhanovskii | 1 | 1 | | ✓ | | ✓ | Core impurity density and radiated power redu |
| subtotal days: | Stotler | 0.1 | 0.1 | | ✓ | | | Validation of DEGAS 2 Model for Li - He Diffusi |
| 6.1 | 4.1 | | | | | | | |
| Other | | | | | | | | |
| | Abrams | 0 | 0 | | | | ✓ | Novel Concept for Measurement of Deposited I |
| | Gerhardt | 1 | 1 | | | | | Qualification of LLD Operation at Various Levels |
| | Gerhardt | 0.5 | 0.5 | | | | | Disruption Characteristics with a Warm LLD |
| | Gray | 2 | 1 | | | | ✓ | Current and Injected Power |
| | Jaworski | 1 | 0.5 | | | | ✓ | Effective SOL particle lifetime and generation of |
| | Krasheninnikov | na | na | na | na | na | na | Experiments on the physics of hot spots .rtf |
| | Maingi | 1 | 1 | | | | ✓ | Dependence of edge profile modification by litt |
| | McLean | 1 | 0.5 | | | | ✓ | Characterization of the LLD with a two-color in |
| | McLean | 0.5 | 0 | | | | ✓ | Creation of a disruption database during LLD op |
| | McLean | 0.5 | 0.5 | | | | ✓ | Study of Li condensation in NSTX .rtf |
| subtotal days: | Takahashi | 0.5 | 0.1 | | | | na | Mapping of Te along Divertor Surfaces for Stud |
| 8 | 5.1 | | | | | | | |
| LLD DeCommissioning | | | | | | | | |
| | Kugel | 1 | 0.5 | | | | ✓ | LLD-1 Decommissioning.rtf |
| TOTAL: | | | | | | | | |
| | 21 XPs | 19.1 | 12.2 | not including LLD commissioning | | | | |
| 100 min at 5 min / XP 10 min / presenter then 140 min for discussions | | | | | | | | |
| all 1st priority | | | | | | | | |
| GUIDANCE | | | | | | | | |
| | 8 | 5.5 | not including LLD commissioning | | | | | |
| only allocate 1st priority at Forum | | | | | | | | |