Tuesday - 10/01/2019					
Time	**Session**	**Type**	**Topic**	**Talk + Question**	**Session Chair**
7:30 - 7:40	**Registration - Illini Union**				
7:40 - 7:50					
7:50 - 8:00					
8:00 - 8:10					
8:10 - 8:20					
8:20 - 8:30					
8:30 - 8:40	TU-S1	Invited Talk	**Yoshi Hirooka** A review of laboratory studies on innovative PFCs at NIFS and the future experiments at Chubu University *Chubu University (CU)*	25 min	Jiansheng Hu ASIPP
8:40 - 8:50					
8:50 - 9:00					
9:00 - 9:10		Invited Talk	**Francesco Volpe** Liquid metal flow adhering to planar and curved meter-sized walls and ceilings by eletcromagnetic and centrifugal forces *Renaissance Fusion (RF)*	25 min	
9:10 - 9:20					
9:20 - 9:30				5 min	
9:30 - 9:40		Oral Talk	**Stepan Krat** Isotope exchange in Li-D Co-deposited layers *MEPhI* ***(Video Call)***	18 min	
9:40 - 9:50				2 min	
9:50 - 10:00		Oral Talk	**Andrew Shone** HIDRA stellarator exposure for PFC testing in HIDRA-MAT *University of Illinois Urbana-Champaign (UIUC)*	18 min	
10:00 - 10:10				2 min	
10:10 - 10:20	**Morning Coffee Break**				
10:20 - 10:30					
10:30 - 10:40					
10:40 - 10:50	TU-S2	Invited Talk	**Alex Mossman** Interaction between magnetized plasma and liquid lithium free surface in the SLIC experiment at General Fusion *General Fusion (GF)*	25 min	Thomas Giegerich KIT
10:50 - 11:00					
11:00 - 11:10				5 min	
11:10 - 11:20		Oral Talk	**Zongbiao Ye** The study of wetting and erosion behavior of liquid tin and capillary porous system under high density plasma *Sichuan University (SU)*	18 min	
11:20 - 11:30				2 min	
11:30 - 11:40		Oral Talk	**Xiancai Meng** Compatability of fusion materials with static liquid lithium *Shenzhen University*	18 min	
11:40 - 11:50				2 min	
11:50 - 12:00		Oral Talk	**Matt Szott** New geometries for harnessing TEMHD driven liquid lithium flow in high heat flux applications *University of Illinois Urbana-Champaign (UIUC)*	18 min	
12:00 - 12:10				2 min	
12:10 - 12:20		Discussion		20 min	
12:20 - 12:30					
12:30 - 12:40	**Lunch**				
12:40 - 12:50					
12:50 - 13:00					
13:00 - 13:10					
13:10 - 13:20					
13:20 - 13:30					
13:30 - 13:40	TU-S3	Invited Talk	**Jonathan Menard** Configuration studies for a next-step liquid-metal-wall toroidal confinement facility *Princeton Plasma Physics Laboratory (PPPL)*	25 min	Yoshi Hirroka Chubu University
13:40 - 13:50					
13:50 - 14:00				5 min	
14:00 - 14:10		Oral Talk	**Shota Abe** Sputtered species from Li due to low energy D+ irradiation *Princeton University (PU)*	18 min	
14:10 - 14:20				2 min	
14:20 - 14:30		Oral Talk	**Chenglong Li** Deuterium retention and recycling with flowing liquid Li limiter during high confinement plasma discharge in EAST *Institute for Plasma Physics, Chinese Academy of Sciences (ASIPP)*	18 min	
14:30 - 14:40				2 min	
14:40 - 14:50		Oral Talk	**Jiheon Jun** Compatability of alumina and chromia forming steels in liquid Li, Sn and eutectic Sn-Li *Oak Ridge National Laboratory (ORNL)*	18 min	
14:50 - 15:00				2 min	
15:00 - 15:10	**Afternoon Coffee Break**				
15:10 - 15:20					
15:20 - 15:30					
15:30 - 15:40	TU-S4	Invited Talk	**Rajesh Maingi** ELM Suppression by boron powder and comparison with Lithium powder injection on EAST *Princeton Plasma Physics Laboratory (PPPL)*	25 min	Travis Gray Oak Ridge National Laboratory
15:40 - 15:50					
15:50 - 16:00				5 min	
16:00 - 16:10		Invited Talk	**Michiya Shimada** Magnetically guided liquid metal divertor (MAHLIMD) with resilience to disruption and ELMs *Rokkasho Fusion Institute (RFI)*	25 min	
16:10 - 16:20					
16:20 - 16:30				5 min	
16:30 - 16:40		Oral Talk	**Matthew Parsons** Update on the operation of HIDRA with flowing Liquid Lithium Systems *University of Illinois Urbana-Champaign*	18 min	
16:40 - 16:50				2 min	
16:50 - 17:00		Oral Talk	**Wei Ou** Influence of Temperature on Deuterium Retention in Li Targets Exposed to MAGNUM-PSI *Dutch Institute For Fundamental Energy Research*	18 min	
17:00 - 17:10				2 min	
17:10 - 17:20		Oral Talk	**Andrei Khodak** Free Surface Liquid Lithium Flow Modeling and Stability Analysis for Fusion Applications *Princeton Plasma Physics Laboratory (PPPL)*	18 min	
17:20 - 17:30				2 min	
17:30 - 17:40		Discussion		30 min	
17:40 - 17:50					
17:50 - 18:00					