

Monday - 9/30/2019						
Time	Session	Type	Topic	Talk + Question	Session Chair	
7:30 - 7:40	Registration - Hital 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		MO-S1	Welcome Remarks	David N. Rust - Conference General Chair - Rust Conference Daniel Andruzyk - Conference Chair Welcome - Rafi Susan Martini - Vice-Chancellor for Research Chen	10 min 10 min 10 min 10 min	Mass Ono Princeton Plasma Physics Laboratory
9:00 - 9:10	Invited Talk		David Rust	25 min		
9:10 - 9:20	MO-S1-01		Overview of the Center for Plasma Material Interactions (CPMI) University of Illinois Urbana-Champaign (UIUC)	5 min		
9:20 - 9:30	Oral Talk		Travis Gray	18 min		
9:30 - 9:40	MO-S1-02		Evolution of Divertor Plasmas in EAST with Lithium Injection Oak Ridge National Laboratory (ORNL)	2 min		
9:40 - 9:50	Oral Talk		Fran Obrowski	18 min		
9:50 - 10:00	MO-S1-03		Empirical Dependence of the Evolution of Li Surface Spectra in LTX-9 Residual Vacuum Using the LTX-9 Sample Exposure Probe Princeton University (PU)	2 min		
10:00 - 10:10						
10:10 - 10:20						
10:20 - 10:30						
10:30 - 10:40						
Morning Coffee Break						
10:40 - 10:50	MO-S2	Invited Talk	Thomas Gogotsch	25 min	Richard Nygren Sandia National Laboratory	
10:50 - 11:00		MO-S2-04	The High-Katronic - A K-1 Facility for Mercury Related Work in the Development of the REDEMO Fuel Cycle Karlsruhe Institute of Technology (KIT)	5 min		
11:00 - 11:10		Oral Talk	Sebastian Latalo	18 min		
11:10 - 11:20		MO-S2-05	Technical Aspects of the use of Liquid Tin as a Liquid Metal Divertor (LMD) National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA)	2 min		
11:20 - 11:30		Oral Talk	Cody Meyhan	18 min		
11:30 - 11:40		Oral Talk	Effects of sample geometry and hydrogen concentration on hydrogen isotope retention from LIT-9 results using post-irradiation analysis University of Illinois Urbana-Champaign (UIUC)	2 min		
11:40 - 11:50		Oral Talk	David Meyer	18 min		
11:50 - 12:00		Oral Talk	Design Testing of Advanced Liquid Metal Structures for DEMO Divertor EUROfusion Project	2 min		
12:00 - 12:10		Oral Talk	Design Testing of Advanced Liquid Metal Structures for DEMO Divertor EUROfusion Project	2 min		
12:10 - 12:20		Discussion / Group Photo		20 min		
12:20 - 12:30						
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Lunch						
13:30 - 13:40	MO-S3	Invited Talk	Peter Besson	25 min	Francisco Tabares CEMRES	
13:40 - 13:50		MO-S3-01	Tokamak Energy's Approach to a Floating Liquid Lithium divertor Tokamak Energy (TE)	5 min		
13:50 - 14:00		Invited Talk	Giuseppe Mazzitelli	25 min		
14:00 - 14:10		MO-S3-02	Proposal for a CFS-Based Liquid Metal Divertor National Institute for Fusion Science (NIFS) Economic Development (ENEA)	5 min		
14:10 - 14:20		Oral Talk	Eric Kruer	18 min		
14:20 - 14:30		Oral Talk	Problems for a Simplified Lithium Vapor Box Using MCPDITER Princeton University (PU)	2 min		
14:30 - 14:40		Oral Talk	Richard Nygren	18 min		
14:40 - 14:50		Oral Talk	Design Integration Issues for Liquid Surface PFCs in FUSION DEMO Sandia National Laboratory (SNL)	2 min		
15:00 - 15:10		Oral Talk	Design Integration Issues for Liquid Surface PFCs in FUSION DEMO Sandia National Laboratory (SNL)	2 min		
15:10 - 15:20						
15:20 - 15:30						
15:30 - 15:40						
Afternoon Coffee Break						
15:40 - 15:50	MO-S4	Invited Talk	Dick Majaki	25 Min	Rajesh Maingi Princeton Plasma Physics Laboratory	
15:50 - 16:00		MO-S4-01	First Results from Tokamak Experiment-9 Princeton Plasma Physics Laboratory (PPPL)	5 min		
16:00 - 16:10		Invited Talk	Jianheng He	25 min		
16:10 - 16:20		MO-S4-02	Application of Li to extend H-Mode in EAST using an ITER-Like Tungsten Upper Divertor Institute of Plasma Physics, Chinese Academy of Science (ASIPP)	5 min		
16:20 - 16:30		Oral Talk	Nickolai Parnitskiy	18 min		
16:30 - 16:40		Oral Talk	Influence of Neutron Scoping on EU-DEMO Operations with Lithium Divertor Institute for Plasma Physics and Laser Microfusion (IPP LM)	2 min		
16:40 - 16:50		Oral Talk	Shawn Dai	18 min		
16:50 - 17:00		Oral Talk	EMC3-EIRENE Numerical Analysis of Edge Plasmas and Impurity Emission in the Liquid Lithium Liner Experiment on EAST Institute of Technology (IIT)	2 min		
17:00 - 17:10		Oral Talk	Victims Hopes	18 min		
17:10 - 17:20		Oral Talk	Interactions of Hydrogen Isotopes with Floating Liquid Metal for Tokamak First Wall Application Los Alamos National Laboratory (LANL)	2 min		
17:20 - 17:30	Oral Talk	Interactions of Hydrogen Isotopes with Floating Liquid Metal for Tokamak First Wall Application Los Alamos National Laboratory (LANL)	2 min			
17:30 - 17:40	Oral Talk	Interactions of Hydrogen Isotopes with Floating Liquid Metal for Tokamak First Wall Application Los Alamos National Laboratory (LANL)	2 min			
17:40 - 17:50	Discussion		20 min			
17:50 - 18:00						
18:00 - 20:00	MO-P1	Poster Session and Welcome Reception - Hital Union 18:00 - 20:00	<ul style="list-style-type: none"> 01 - Dick Majaki (Four Drains Boke) 02 - Felipe Scotti 03 - Adam Fisher 04 - Daniel Andruzyk 05 - Daniel O'Don 06 - Avuk Kapan 07 - Alfonso De Castro Calles 08 - Jacob Schwartz 09 - Shaw Kenley 10 - Shawn Dai 11 - Huiqing Dong 12 - Naoki Mura 13 - Cody Meyhan 14 - Xujie Zhang 15 - Robert Holzhuth 16 - Steven Stenmly 	150 min	David Rust & Daniel Andruzyk University of Illinois Urbana-Champaign	