

ICFRM-19 Special Sessions Program

	Sunday, October 27, 2019	Monday, October 28, 2019	Tuesday, October 29, 2019	Wednesday, October 30, 2019	Thursday, October 31, 2019	Friday, November 1, 2019	
8:00		Registration (8:00 - 11:00)	Registration	Registration	Registration	Registration	
8:30							
9:00		9:00 - 10:00 Conference Opening Welcome Address 9:00-9:10 K1: de Temmerman ITER UPDATE 9:10-9:30 P1: Schwarz-Sellinger D-TRAPPING 9:50-10:30	PLENARY SESSION PL1 8:30-10:30 P2: Zhang Structural Materials 8:30-9:10 P3: S Dudarev IRENEV Modelling 9:10-9:50 P4: J Chen CFETR 9:50-10:30	KEYNOTE PLENARY SESSION PL2 8:30-10:30 K2: M Masini NIS Report 8:30-9:10 P5: GR Odetta ODS Status 9:10-9:50 P6: M Nakamichi Breeding Materials 9:50-10:30	PLENARY SESSION PL3 8:30-10:30 P7: C Garcia-Rosales W Oxidation Protection 8:30-9:10 P8: S Nagami W Mechanical Properties 9:10-9:50 P9: J-H You EU DEMO Divertor 9:50-10:30	PLENARY SESSION PL4 8:30-10:30 P10: T Hinoi SIC/SiC Composites 8:30-9:10 P11: Y Katoh PHENIX Summary 9:10-9:50 P12: D Sprouster Synchrotron Methods 9:50-10:30	
9:30	Tutorial Lectures 9:00-1:00 PM (Palatine, Portofino, Aventine C)						
10:00							
10:30							
11:00		Coffee Break (10:30-11:00)	Coffee Break (10:30-11:00)	Coffee Break (10:30-11:00)	Coffee Break (10:30-11:00)	Coffee Break (10:30-11:00)	
11:30		RAFM-1 2X30 min 3X20 min	PFM-1 2X30 min 3X20 min	CERAMICS 2X30 min 3X20 min	ODS-1 2X30 min 3X20 min	PFM-3 2X30 min 3X20 min	FACILITIES 2X30 min 3X20 min
12:00				PFM-5 2X30 min 3X20 min	MODEL METHODS 2X30 min 3X20 min	MECH PROP 2X30 min 3X20 min	
12:30							
13:00							
13:30		Lunch (13:00-14:30)	Lunch (13:00-14:30)	Lunch (13:00-14:30)	Lunch (13:00-14:30)	Lunch (13:00-14:30)	
14:00			IEA Vanadium (Palatine) IEA SIC (Portofino)		IEA RAFM Steels (Palatine)	IAC Lunch Meeting 12:30-14:30 (Portofino)	
14:30							
15:00	Registration 3-7 PM Grand Foyer	RAFM-2 2X30 min 3X20 min	PFM-2 2X30 min 3X20 min	FUTURE 2X30 min 3X20 min	ODS-2 2X30 min 3X20 min	PFM-4 2X30 min 3X20 min	ADV CHARACT 2X30 min 3X20 min
15:30					ODETTE SYMP 2X30 min 3X20 min	MODEL BULK 2X30 min 3X20 min	T-BREEDING 2X30 min 3X20 min
16:00							
16:30							
17:00			Coffee Break (16:30-17:00)	Coffee Break (16:30-17:00)	Coffee Break (16:30-17:00)	Coffee Break (16:30-17:00)	Coffee Break (16:30-17:00)
17:30		Poster (P1) 5-7 PM Viccino Ballroom	IEA Tungsten (Palatine)	Poster (P2) 5-7 PM Viccino Ballroom	US-Japan Frontier (Palatine)	Poster (P3) 5-7 PM Viccino Ballroom	ARC Meeting (Palatine)
18:00							
18:30							
19:00	Reception Asteria Terrace	Welcome Reception Poolside		Reception Asteria Terrace	Reception Asteria Terrace	Conference Banquet 7-9PM Aventine Ballroom	
19:30							
20:00							
20:30							
21:00							
21:30							
22:00							

HONORING PROF. BOB ODETTE (SPECIAL SESSION): Wednesday Afternoon, October 30, 2019: 14:30-16:30 Chair: B. Wirth

Session	ID	Presenter	Title	Time
ODETTE	I1	G. Lucas (UCSB)	ODETTE HISTORICAL OVERVIEW	14:30-15:10
	I2	N. Ghoniem (UCLA)	PLASTICITY OF IRRADIATED MATERIALS AT THE NANO- & MICRO-SCALES REVEALED BY DISLOCATION DYNAMICS SIMULATIONS	15:10-15:40
	I3	T. Yamamoto (UCSB)	MODELING OF HELIUM EFFECTS ON MICROSTRUCTURAL EVOLUTION IN TMS AND NFA: THE EFFECTS OF HE/DPA, TEMPERATURE, DOSE AND DOSE RATE	15:40-16:05
	I4	Y. Dai (PSI)	APT/TEM CHARACTERIZATION OF THE MICROSTRUCTURAL AND CHEMICAL EVOLUTIONS IN RAFM AND ODS STEELS AFTER IRRADIATION AT SWISS SPALLATION NEUTRON SOURCE	16:05-16:30

FUSION STARTUP COMPANIES (SPECIAL SESSION): Thursday Afternoon, October 31, 2019: 14:30-16:30 Chair: L. Snead

Session	ID	Presenter	Title	Time
FUSION STARTUPS	FS1	A. Smirnov TAE Technologies, Inc	PROGRESS AND CHALLENGES IN TAE'S QUEST TOWARDS A PRACTICAL FRC-BASED FUSION REACTOR	14:30-15:00
	FS2	Zach Hartwig Commonwealth Fusion	MATERIALS CHALLENGES AND OPPORTUNITIES FOR HIGH-FIELD TOKAMAK POWER PLANTS	15:00-15:30
	FS3	W. M. Solomon GA DIII-D Team	DIII-D RESEARCH TOWARD FUSION ENERGY, CURRENT STATUS AND FUTURE PLANS	15:30-16:00
	FS4	T. P. Davis Davis & Musgrove Ltd., Oxford	MATERIALS STRATEGY FOR FIRST-OF-A-KIND FUSION POWER STATIONS	16:00-16:30