

2014 US-EU-JPN Workshop on RF Heating Technology					
September 22 - September 24, 2014 / Sedona Rouge Hotel & Spa, Sedona, AZ, USA					
Date	No.	Time	Name	Organization	Title
Sept. 21		17:00 - 19:00	Registration / Reception		
		8:00 - 8:30	Registration		
Sept. 22	T00	8:30 - 9:00	Welcome R. Callis	GA	Opening remarks
	T01	9:00 - 9:30	RF Systems 1 C. Darbos	ITER	Status of the ITER EC system
	T02	9:30 - 10:00	T. Shimozuma	NIFS	Recent progress of the ECRH system and experiment in the Large Helical Device
		10:00 - 10:30	Coffee break		
	T03	10:30 - 11:00	RF Systems 2 J. Lohr	GA	Operating a multiple gyrotron system for fusion research
	T04	11:00 - 11:30	H. Kasahara	NIFS	High performance steady-state operation with ICH and ECH for helium plasma in the LHD
	T05	11:30 - 12:00	J. Ongena	LPP-ERM/KMS	Contributions of LPP-ERM/KMS, Brussels to the development of ICRH systems
		12:00 - 13:30	Lunch		
	T06	13:30 - 14:00	Gyrotrons 1 F. Cismondi	F4E	EU development program for the 1 MW gyrotron for ITER
	T07	14:00 - 14:30	G. Gantenbein	KIT	Scientific design of the 1 MW 170 GHz EU gyrotron for ITER: Status of procurement and assembling
	T08	14:30 - 15:00	K. Sakamoto	JAEA	Status of gyrotron development in JAEA
		15:00 - 15:30	Coffee break		
	T09	15:30 - 16:00	Gyrotrons 2 T. Rzesnicki	KIT	2 MW, 170 GHz coaxial-cavity short-pulse gyrotron: recent results with a single stage depressed collector
	T10	16:00 - 16:30	G. Nusinovich	Univ. of Maryland	Competition between modes with different axial structures in gyrotrons
	T11	16:30 - 17:00	A. Tuccillo	ENEA Frascati	CARM as possible alternative source for ECRH: R&D in Frascati
Sept. 23	T12	8:30 - 9:00	ECH Transmission Lines 1 M. McCarthy	US ITER	Design analysis of the ITER ECH transmission line system and components
	T13	9:00 - 9:30	M. Shapiro	MIT	Research on ITER 170 GHz ECH transmission lines
	T14	9:30 - 10:00	T. Li	NIFS	Development of polarizers and power/polarization monitors for ECH transmission lines in the LHD
		10:00 - 10:30	Coffee break		
	T15	10:30 - 11:00	ECH Transmission Lines 2 J. Anderson	GA	ECH component development and testing for ITER transmission lines
	T16	11:00 - 11:30	H. Idei	Kyushu Univ.	Mode contents monitor in circular corrugated waveguide lines
	T17	11:30 - 12:00	D. Wagner	Max Planck Inst.	Development of diplexers and millimeter wave filters for ECRH and diagnostics applications
		12:00 - 13:30	Lunch		
Sept. 24		14:00 - 16:00	Excursion (Trolley Tour)		
		17:00 - 18:00	Transportation		
		18:00 - 21:00	Banquet (M Diamond Ranch)		
		21:00 - 22:00	Transportation		
	T18	8:30 - 9:00	RF Windows T. Scherer	KIT	Recent upgrades of the ITER ECRH CVD torus diamond window
	T19	9:00 - 9:30	A. Vaccaro	KIT	Thermal behavior of a diamond window unit for fusion applications
	T20	9:30 - 10:00	F. Mazzocchi	KIT	Single crystalline diamond (SCD) loss measurements and test bench concepts
Sept. 24		10:00 - 10:30	Coffee break		
	T21	10:30 - 11:00	Antennas and Launchers R. Ellis	PPPL	Additive manufacturing techniques for ECH launcher components
	T22	11:00 - 11:30	T. Shinya	Tokyo Univ.	Experimental study of antenna-plasma coupling using capacitively-coupled combline antenna on the TST-2
	T23	11:30 - 12:00	C. Moeller	GA	Status of combline antenna
		12:00 - 13:30	Lunch		
	T24	13:30 - 14:00	ICH Transmission Lines M. McCarthy	US ITER	ITER ion cyclotron transmission line and matching system: design status and design validation tests
	T25	14:00 - 14:30	C. Kung	PPPL	ITER ICH transmission lines acoustic arc localization feasibility study
		14:30 - 15:00	Coffee break		
		15:00 - 16:30	Joint Planning		
		16:30 - 17:00	Closing		