



IEEE International Conference of Robotics and Automation 2012

Minneapolis, MN

Monday, May 14, 2012

**Workshop on Robotic Satellite Servicing**

(Organizing Committee: C. Carignan, G. Marani, W. Chun)

AGENDA (Submission No. 122)

Time	Speaker (Bio Available)	Title (Abstract Available)
SESSION 1	ROBOTICS IN SPACE	
0830-0900	Panel*	Intro to Robotic Satellite Servicing
0900-0920	Invited Paper (Teleoperation TC)	Teleoperation and Space Robotics
0920-0940	Invited Paper (Service Robotics TC)	Service Robotics and Satellite Servicing
0940-1000	G. Marani (Marine Robotics TC)	SAUVIM and Space Robotics
1000-1020	Break	
SESSION 2	AUTONOMOUS RENDEZVOUS AND DOCKING (AR&D)	
1020-1040	S. Tuohy (Draper Labs)	GNC for AR&D
1040-1100	J. Ringelberg (Lockheed Martin)	Supervisory Control Tool for AR&D
1100-1120	K. Miller (Ball Aerospace)	AR&D Sensors

1120-1140	A. Saenz-Otero (MIT)	Formation Flying with SPHERES
1140-1200	M. Oda (JAXA)	ETS-VII Follow-on Activities
1200-0130	Lunch	
SESSION 3	SERVICING ENVIRONMENT	
0130-0150	H. Thomas (MBARI)	Underwater Servicing
0150-0210	D. Akin (Univ of Marland)	Neutral Buoyancy
0210-0230	B. Roberts (NASA GSFC)	RRM and RESTORE
0230-0250	G. Henshaw (NRL)	FREND and Manipulator Integration
0250-0310	Break	
SESSION 4	MANIPULATION	
0310-0330	R. Lampariello (DLR)	Motion Planning & Grasping
0330-0350	S. Dougherty (MDA)	Robotic Manipulator
0350-0410	N. Radford (NASA JSC)	Robonaut 2 Status
0410-0440	Closing Panel* & Remarks	Future Direction for Robotic Satellite Servicing
0500	WORKSHOP CLOSED	

\* Speakers TBD