

*New England
Manipulation Symposium*

May 29, 2009

WPI

Wireless Access

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Time	Speaker	Title	School
9:30	Mike Gennert Grant McGimpsey	Welcome and Opening Words	WPI
9:40	Nobuhiko Hata	Image Guided Robot Surgery Research at Brigham and Women's Hospital	Harvard
10:00	Scott Kuindersma	Dexterous Mobility with the uBot-5 Mobile Manipulator	UMass-Amherst
10:20	Timothy Gifford	Telerobotically Negotiating Apetrues Utilizing Intentional Dynamics	U of Conn
10:40		Break	
11:00	Matt Bell	Grasping Non-Stretchable Cloth Polygons	Dartmouth
11:20	Aggeliki Tsoli	Low-Dimensional Neural Subspaces for Reaching	Brown
11:40	Erin Rapacki	The Design of an Underactuated Wheelchair-Mounted Robotic Arm to Open Door Knobs and Handles	UMass-Lowell
12:00		Lunch and Tours	

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1:30	Marek Vondrak	Physics-based Motion Tracking	Brown
1:50	Matei Ciocarlie	Data-Driven Grasping with Partial Sensor Data	Columbia U
2:10	Greg Cole	MRI Compatible Manipulator for Deep Brain Stimulation	WPI
2:30		Break	
2:50	Hao Dang	Functional Analysis of Finger Contact Locations during Grasping	Columbia U
3:10	Steve Hart Shichao Ou	Intrinsically Motivated Learning for Object Manipulation and Human Interaction	UMass-Amherst
3:30		Break	
3:50	Dylan Glotzer Jon Moran	Bending and Kissing: Computing Self-Contact Configurations of Planar Loops with Revolute Joints	Clark U
4:10	John Wason	Robust Vision-Guided Multi-Probe Microassembly	RPI
4:30	Kate Tsui	I Want That : Human-in-the-Loop Control of a Wheelchair-Mounted Robotics Arm from Interface through Grasping	UMass-Lowell
4:50	Mike Gennert	Closing Remarks	

Finally ...

Thank you!