

IEEE ROBIO 2011

Final Technical Program

Session ID	Session Name	Paper 1	Paper 2	Paper 3	Paper 4	Paper 5	Paper 6	Room No.	Date	Time
TA1-1	Interfaces for Teleoperations	251	516	606	655	361		Room-1	Thursday, Dec. 8	9:45-11:00
TA1-2	Medical Robotics I	314	311	697	644	600		Room-2		
TA1-3	Walking Robots I	413	175	548	228	333		Room-3		
TA1-4	Soft Robots	599	325	433	475	165		Room-4		
TA1-5	Sensing for Detection and Localization I	423	628	256	692	370		Room-5		
TA1-6	Control of Multiple Robots	384	121	532	139	458		Room-6		
TA1-7	Biomimetic Control	372	664	611	137	369		Room-7		
TA2-1	Control of Teleoperations	349	363	506	451	405		Room-1	Thursday, Dec. 8	11:15-12:30
TA2-2	Medical Robotics II	342	255	301	643	321		Room-2		
TA2-3	Walking Robots II	496	214	554	677	160		Room-3		
TA2-4	Vision for Robot Navigation	261	500	271	511	162		Room-4		
TA2-5	Sensing for Detection and Localization II	467	408	373	198			Room-5		
TA2-6	Motion Planning and Control for Mobile Robots I	131	507	462	112	273		Room-6		
TA2-7	Biomimetics I	136	698	267	558	422		Room-7		
TP1-1	Telerobotics for Medical Applications	309	632	651	564	668	556	Room-1	Thursday, Dec. 8	13:40-15:10
TP1-2	Medical Robotics III	155	672	217	696	593	502	Room-2		
TP1-3	Walking Robots III	292	346	257	543	468		Room-3		
TP1-4	Image Analysis	627	343	689	157	230	206	Room-4		
TP1-5	Sensing for Detection and Localization III	236	501	549	154	581	604	Room-5		
TP1-6	Motion Planning and Control for Mobile Robots II	171	524	571	546	364	294	Room-6		
TP1-7	Biomimetics II	385	597	210	587	138	107	Room-7		
TP2-1	Multiple and Swarm Robots	523	331	440	429	176	300	Room-1	Thursday, Dec. 8	15:40-17:10
TP2-2	Medical Robotics IV	495	656	406	642	436	355	Room-2		
TP2-3	Robotic Systems	144	277	453	376	438		Room-3		
TP2-4	3D Image Analysis	315	359	416	572	215	396	Room-4		
TP2-5	Sensing for Detection and Localization IV	174	189	274	134	238	286	Room-5		
TP2-6	Motion Planning and Control for Mobile Robots III	399	454	387	392	244	602	Room-6		
TP2-7	SLAM	360	652	547	497	147	688	Room-7		

FA1-1	Grasping and Manipulation I	474	590	316	141	582		Room-1	Friday, Dec. 9	9:45-11:00
FA1-2	Medical Robotics V	281	328	323	150	151		Room-2		
FA1-3	[OS] The Development Towards Sensory Based Natural	247	338	464	295	669		Room-3		
FA1-4	Micro/Nano Sensors and Systems	218	250	226	444	455		Room-4		
FA1-5	Biomimetic Sensing	380	687	594	535	326		Room-5		
FA1-6	Control of Flexible Robots	266	177	629	508	275		Room-6		
FA1-7	Flying Robots I	498	219	457	195	386		Room-7		
FA2-1	Grasping and Manipulation II	513	539	345	391	515		Room-1	Friday, Dec. 9	11:15-12:30
FA2-2	Assist and Rehabilitation Robotics I	260	518	601	551	691		Room-2		
FA2-3	Mobile Robots III	190	371	443	482	591		Room-3		
FA2-4	Micro/Nano Actuation and Manipulation	366	670	690	480	679		Room-4		
FA2-5	Tactile Sensing	579	541	265	272	562		Room-5		
FA2-6	Control of Mobile and Aerial Robots	164	621	145	665	212		Room-6		
FA2-7	Flying Robots II	229	377	306	619			Room-7		
FP1-1	Grasping and Manipulation III	653	178	169	663	278	397	Room-1	Friday, Dec. 9	13:40-15:10
FP1-2	Assist and Rehabilitation Robotics II	553	284	596	327	509	180	Room-2		
FP1-3	Mobile Robots IV	432	428	437	631	146	694	Room-3		
FP1-4	Vision for Robot Control I	140	641	344	411	122	693	Room-4		
FP1-5	Human Detection	285	324	389	268	282	441	Room-5		
FP1-6	Underwater Robots I	357	374	538	493	685	503	Room-6		
FP1-7	Service Robots	322	353	381	402	403	446	Room-7		
FP2-1	Grasping and Manipulation IV	283	657	555	666	583	313	Room-1	Friday, Dec. 9	15:40-17:10
FP2-2	Assist and Rehabilitation Robotics III	149	530	290	470	570	617	Room-2		
FP2-3	Mobile Robots V	560	473	421	116	485	203	Room-3		
FP2-4	Vision for Robot Control II	288	320	378	489	678	625	Room-4		
FP2-5	Sensor Network	595	308	673	304	123	200	Room-5		
FP2-6	Underwater Robots II	375	479	536	358	223	484	Room-6		
FP2-7	Recent Results Session I: Robotic Training & Learning	727	719	711	702	722	717	Room-7		
SA1-1	Robot Design and Control	172	412	520	522	483		Room-1	Saturday, Dec. 10	9:45-11:00
SA1-2	Assist and Rehabilitation Robotics IV	186	187	490	514	634		Room-2		
SA1-3	Humanoid Robots I	426	248	557	209	607		Room-3		
SA1-4	Video Session I: Biomimetics	618	598	351	347	650		Room-4		
		603	575	307	580			Room-4		
SA1-5	Motion Measurement and Estimation	120	183	166	132	730		Room-5		
SA1-6	Hardware and Software Architecture for Robots	232	118	113	414	182		Room-6		

SA1-7	Recent Results Session II: Actuation, Vision & Enabling	710	723	716	704	720		Room-7		
SA2-1	Motion Control of Robots	170	527	242	550	409		Room-1	Saturday, Dec. 10	11:15-12:30
SA2-2	Robot Force Control	461	667	241	418	537		Room-2		
SA2-3	Humanoid Robots II	452	201	573	638	365		Room-3		
SA2-4	Video Session II: Robotics	675	192	415	194	465		Room-4		
		695	574	445	393	559		Room-4		
SA2-5	Sensing for Tracking	299	610	125	540	108		Room-5		
SA2-6	Haptics Interfaces	262	185	646	128	263		Room-6		
SA2-7	Recent Results Session III: Simulations and Modeling	726	715	713	703	718		Room-7		
SP1-1	Robot Learning	368	258	608	179	181	163	Room-1	Saturday, Dec. 10	13:40-15:10
SP1-2	Novel Actuators I	447	167	211	486	142	481	Room-2		
SP1-3	Mobile Robots I	156	197	577	287	279	491	Room-3		
SP1-4	Mapping	204	196	199	542	492	293	Room-4		
SP1-5	Human-Robot Interaction I	317	305	119	213	319	329	Room-5		
SP1-6	Intelligent Control of Robots	127	133	115	478	337	341	Room-6		
SP2-1	Modular and Multi-Agent Systems	235	253	264	362	216		Room-1	Saturday, Dec. 10	15:30-17:00
SP2-2	Novel Actuators II	296	499	521	246	225	459	Room-2		
SP2-3	Mobile Robots II	395	259	636	289	561	533	Room-3		
SP2-4	Vision for Object Tracking	336	227	425	191	188	686	Room-4		
SP2-5	Human-Robot Interaction II	624	589	512	476	620	615	Room-5		
SP2-6	Control for Human-Robot Interaction	578	528	645	124	649	658	Room-6		
TP-P	Poster Session I: Robotics	352	531	529	519	674	168	Poster Area	Thursday, Dec. 8	13:40-17:10 (Core time for presentation: 15:10-15:40)
		135	202	504	494	488	427			
		662	466	233	234	456	243			
		252	448	254	291	330	442			
FP-P	Poster Session II: Biomimetics	439	394	400	404	410	639	Poster Area	Friday, Dec. 9	13:40-17:10 (Core time for presentation: 15:10-15:40)
		158	143	220	661	659	222			
		237	563	566	303	332	435			
		339	616	614	434	431	356			
		388	586	419	398	130	152			
		424	383	379	724					

* 8 minutes (Speech: 5 minutes, Q&A: 3 minutes) are scheduled for each video presentation

* 15 minutes (Speech: 12 minutes, Q&A: 3 minutes) are scheduled for each oral presentation