



About IEEE

IEEE Robotics and Automation Society What Dick has Done for Us!

Kazuhiro Kosuge
Tohoku University
Sendai, Japan

- IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity.
- IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.
- IEEE has 38 societies and technical councils as of January, 2010.

Societies

IEEE Society Membership Totals as of January 2010																					
SOCIETY / DIVISION	IEEE Higher Grade Members (including GSAs)		Change		IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change		
	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	
IEEE Societies																					
DIVISION I																					
Circuits & Systems	9,430	9,672	-234	-2.4%	443	463	-20	-4.3%	56	50	6	12.0%	9,937	10,185	-248	-2.4%	9,881	10,135	-254	-2.5%	
Electron Devices	9,819	10,030	-211	-2.1%	273	413	-140	-33.9%	58	51	7	13.7%	10,150	10,494	-344	-3.3%	10,092	10,443	-351	-3.4%	
Solid-State Circuits	9,926	10,707	-781	-7.3%	200	239	-39	-16.3%	81	75	6	8.0%	10,207	11,021	-814	-7.4%	10,126	10,946	-820	-7.5%	
Div I Subtotal	29,183	30,409	-1,226	-4.0%	916	1,115	-199	-17.8%	195	176	19	10.8%	30,294	31,700	-1,406	-4.4%	30,099	31,524	-1,425	-4.5%	
DIVISION II																					
Components, Packaging & Mfg Tech	2,471	2,564	-93	-3.6%	57	63	-6	-9.5%	22	16	6	37.5%	2,550	2,643	-93	-3.5%	2,528	2,627	-99	-3.8%	
Diellectrics & Electrical Insulation	2,014	1,966	48	2.4%	40	41	-1	-2.4%	30	23	7	30.4%	2,084	2,030	54	2.7%	2,054	2,007	47	2.3%	
Industry Applications	9,565	9,624	-59	-0.6%	137	164	-27	-16.5%	47	40	7	17.5%	9,749	9,828	-79	-0.8%	9,702	9,788	-86	-0.9%	
Instrumentation & Measurements	4,452	4,629	-177	-3.8%	106	120	-14	-11.7%	26	21	5	23.8%	4,584	4,770	-186	-3.9%	4,558	4,749	-191	-4.0%	
Power Electronics	6,562	6,253	309	4.9%	259	261	-2	-0.8%	54	45	9	20.0%	6,875	6,559	316	4.8%	6,821	6,514	307	4.7%	
Ultrasonics, Ferroelectrics, Freq Cnt	2,103	2,143	-40	-1.9%	54	52	2	3.8%	35	31	4	12.9%	2,192	2,226	-34	-1.5%	2,157	2,195	-38	-1.7%	
Div II Subtotal	27,167	27,179	-12	0.0%	653	701	-48	-6.8%	214	176	38	21.6%	28,034	28,056	-22	-0.1%	27,820	27,880	-60	-0.2%	

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SOCIETY / DIVISION	IEEE Higher Grade Members (including GSAs)		Change		IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change		
	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	2010	2009	#	%	
DIVISION III																					
Communications	33,753	34,302	-549	-1.6%	3,562	2,681	881	32.9%	452	424	28	6.6%	37,767	37,407	360	1.0%	37,315	36,983	332	0.9%	
DIVISION IV																					
Antennas & Propagation	7,913	7,791	132	1.7%	262	266	-4	-1.5%	72	52	20	38.5%	8,247	8,099	148	1.8%	8,175	8,047	128	1.6%	
Broadband Technology	1,949	1,941	8	0.4%	72	62	10	16.1%	35	30	5	16.7%	2,056	2,033	23	1.1%	2,021	2,003	18	0.9%	
Consumer Electronics	3,010	2,942	68	2.3%	158	165	-7	-4.2%	45	43	2	4.7%	3,213	3,150	63	2.0%	3,168	3,107	61	2.0%	
Electromagnetic Compatibility	4,003	4,086	-83	-2.0%	70	77	-7	-9.1%	38	28	10	35.7%	4,111	4,191	-80	-1.9%	4,073	4,163	-90	-2.2%	
Magnetics	3,019	3,138	-119	-3.8%	81	100	-19	-19.0%	59	57	2	3.5%	3,159	3,295	-136	-4.1%	3,100	3,238	-138	-4.3%	
Microwave Theory & Techniques	11,525	11,259	266	2.4%	547	368	179	48.6%	57	57	0	0.0%	12,129	11,684	445	3.8%	12,072	11,627	445	3.8%	
Nuclear & Plasma Sciences	3,444	3,056	388	12.7%	95	104	-9	-8.7%	57	49	8	16.3%	3,596	3,209	387	12.1%	3,539	3,160	379	12.0%	
Div IV Subtotal	34,863	34,203	660	1.9%	1,285	1,142	143	12.5%	363	316	47	14.9%	36,511	35,661	850	2.4%	36,148	35,345	803	2.3%	

Societies

DIVISION VIII	Computer	52,473	53,421	-948	-1.8%	4,082	3,547	535	15.1%	16,960	18,969	-2,009	-10.6%	73,515	75,937	-2,422	-3.2%	56,555	56,968	-413	-0.7%
DIVISION VI	Education	3,264	3,136	128	4.1%	73	92	-19	-20.7%	37	37	0	0.0%	3,374	3,265	109	3.3%	3,337	3,228	109	3.4%
	Industrial Electronics	4,641	4,189	453	10.8%	203	189	14	7.4%	36	19	17	89.5%	4,880	4,396	484	11.0%	4,844	4,377	467	10.7%
	Product Safety Engineering	747	647	100	15.5%	6	7	-1	-14.3%	16	6	10	166.7%	769	660	109	16.5%	753	654	99	15.1%
	Professional Communication	1,037	983	54	5.5%	57	62	-5	-8.1%	118	117	1	0.9%	1,212	1,162	50	4.3%	1,094	1,045	49	4.7%
	Reliability	1,821	1,850	-29	-1.6%	40	31	9	29.0%	20	20	0	0.0%	1,881	1,901	-20	-1.1%	1,861	1,881	-20	-1.1%
	Social Implications of Technology	1,564	1,604	-40	-2.5%	49	53	-4	-7.5%	26	24	2	8.3%	1,639	1,681	-42	-2.5%	1,613	1,657	-44	-2.7%
	Div VI Subtotal	13,074	12,408	666	5.4%	428	434	-6	-1.4%	253	223	30	13.5%	13,755	13,066	690	5.3%	13,502	12,842	660	5.1%
DIVISION VII	Power & Energy	24,049	22,750	1,299	5.7%	857	670	187	27.9%	287	201	86	42.8%	25,193	23,621	1,572	6.7%	24,906	23,420	1,486	6.3%

Societies

DIVISION IX	Aerospace & Electronic Systems	4,899	4,925	-26	-0.5%	178	206	-28	-13.6%	43	42	1	2.4%	5,120	5,173	-53	-1.0%	5,077	5,131	-54	-1.1%
	Biomechanics & Biome Sensing	2,837	2,694	143	5.3%	131	157	-26	-16.6%	319	263	56	21.3%	3,287	3,114	173	5.6%	2,968	2,851	117	4.1%
	Information Theory	3,434	3,373	61	1.8%	124	141	-17	-12.1%	32	23	9	39.1%	3,590	3,537	53	1.5%	3,558	3,514	44	1.3%
	Intelligent Transportation Systems	1,004	1,039	-35	-3.4%	34	28	6	21.4%	21	20	1	5.0%	1,059	1,087	-28	-2.6%	1,038	1,067	-29	-2.7%
	Oceanic Engineering	1,692	1,599	93	5.8%	55	60	-5	-8.3%	18	16	2	12.5%	1,765	1,675	90	5.4%	1,747	1,659	88	5.3%
	Signal Processing	14,114	13,784	330	2.4%	506	421	85	20.2%	119	103	16	15.5%	14,739	14,308	431	3.0%	14,620	14,205	415	2.9%
	Vehicular Technology	4,025	4,080	-55	-1.3%	114	147	-33	-22.4%	26	21	5	23.8%	4,165	4,248	-83	-2.0%	4,139	4,227	-88	-2.1%
	Div IX Subtotal	32,005	31,494	511	1.6%	1,142	1,160	-18	-1.6%	578	488	90	18.4%	33,725	33,142	583	1.8%	33,147	32,654	493	1.5%
DIVISION X	Computational Intelligence	5,971	5,599	372	6.6%	351	379	-28	-7.4%	137	119	18	15.1%	6,459	6,097	362	5.9%	6,322	5,978	344	5.8%
	Control Systems	8,179	7,996	183	2.3%	396	402	-6	-1.5%	82	67	15	22.4%	8,657	8,465	192	2.3%	8,575	8,399	177	2.1%
	Engineering in Medicine & Biology	8,136	7,698	438	5.7%	486	676	-190	-28.1%	193	161	32	19.9%	8,535	8,035	500	3.3%	8,622	8,374	248	3.0%
	Photonics	6,501	6,455	46	0.7%	497	529	-32	-6.0%	105	105	0	0.0%	7,103	7,089	14	0.2%	6,998	6,984	14	0.2%
	Robotics & Automation	6,358	5,856	502	8.6%	720	740	-20	-2.7%	98	90	8	8.9%	7,176	6,686	490	7.3%	7,078	6,596	482	7.3%
	Systems, Man & Cybernetics	4,335	3,949	386	16.1%	183	187	-4	-2.1%	47	43	4	9.3%	4,790	4,170	620	14.7%	4,718	4,127	591	14.3%
	Div X Subtotal	39,680	37,544	2,136	5.7%	2,633	2,913	-280	-9.6%	662	585	77	13.2%	42,975	41,042	1,933	4.7%	42,313	40,457	1,856	4.6%
TOTAL		286,247	283,710	2,537	0.9%	15,558	14,363	1,195	8.3%	19,964	21,558	-1,594	-7.4%	321,769	319,631	2,138	0.7%	301,885	296,073	5,812	1.9%

Robotics and Automation Society

- The Robotics and Automation Society is interested in both applied and theoretical issues in robotics and automation.
- Robotics is here defined to include intelligent machines and systems used, for example, in space exploration, human services, or manufacturing; whereas automation includes the use of automated methods in various applications, for example, factory, office, home, or transportation systems to improve performance and productivity.
- The Robotics and Automation Society was established as a council in 1987 and elevated to the Society in 1989.

RA Society Presidents' Volunteer History

Member Number	Full Name	Position Description	Officer Title Specific	Position Start Date	Position End Date	Organization at Unit Code	Organizational Unit Name		
47400		Conference	Conference Board	1-Jan-01	31-Dec-01	RA145C	RA-Standing Committees		
		Member		1-Dec-03	31-Dec-05	RA024	EEE Robotics and Automation Society		
				1-Jan-89	31-Jan-90	CMF3000	Health Care Tech Policy Committee		
				31-Dec-81		CM00000	Technical Activities Board		
				1-Jan-81		W0004	EEE Robotics and Automation Society		
				8-Feb-06		CM2100	EEE-USA Career & Workforce Policy Committee		
	Society Awards Charman		1-Jan-04	31-Dec-06	RA024	EEE Robotics and Automation Society			
89298		Vice President	Vice President - Conferences	1-Jan-00	31-Dec-03	RA024	EEE Robotics and Automation Society		
		Chair		1-Jan-06	31-Dec-01	CMF1200	Control Systems Award Committees		
		Member		1-Jan-00	31-Dec-01	CM09000	Technical Field Awards Council		
		Administrative Committee		1-Jan-00	31-Dec-04	RA024	EEE Robotics and Automation Society		
822155		Member	Technical Expert	1-Jan-06	31-Dec-07	RA024	EEE Robotics and Automation Society		
				1-Jan-04	31-Dec-06	RA024	EEE Robotics and Automation Society		
		President		11-Dec-00	31-Dec-00	RA024	EEE Robotics and Automation Society		
				1-Jan-00		CO16-517	Comp-Fellows Listing		
				1-Jan-96	31-Dec-97	RA024	EEE Robotics and Automation Society		
				8-Feb-08		CMUS4003	EEE-USA Medical Technology Policy Committee		
	Senior Past President		1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society			
	Society Awards Charman	Awards	1-Jan-01	31-Dec-01	RA024SC	RA-Standing Committees			
987008		Assistant	Continuing And Professional Education	1-Jan-03	31-Dec-05	R2	Eastern USA - Region 2		
				1-Jan-04	31-Dec-04	IF5038AD	Adhoc Committees		
		Fellows Nominatn		1-Jan-08	31-Dec-08	IF5038A	IFSS-Adhoc Committees		
				1-Dec-83	31-Dec-09	RA024	EEE Robotics and Automation Society		
		Member		1-Jan-90	31-Dec-95	CM09000	Technical Activities Board		
				1-Jan-99	31-Dec-00	IF5038	EEE Intelligent Transportation Systems Council		
				1-May-05	30-Apr-06	CMF73000	Robotics and Automation Award Committee		
				1-Jan-98		RA024	EEE Robotics and Automation Society		
				Society Awards Charman		1-Jan-98	31-Dec-00	RA024	EEE Robotics and Automation Society
				Treasurer		1-Jan-99	31-Dec-00	IF5038	EEE Intelligent Transportation Systems Council
	Vice President		1-Jan-90	31-Dec-90	IF5038	EEE Intelligent Transportation Systems Council			

RA Society Presidents' Volunteer History

554678	Chair		1-May-06	30-Apr-08	CMTT3600	Robotics and Automation Award Committee	
	Member		1-Dec-05	31-Dec-05	RA024	EEE Robotics and Automation Society	
			1-Jan-09	31-Dec-09	CM8800	Technical Activities Board	
			1-Apr-04	30-Apr-09	CMTT3600	Robotics and Automation Award Committee	
	Nominations		1-Jan-05	31-Dec-07	CM0200	EEE Fellow Committee	
			1-May-06	30-Apr-08	CM8800	Technical and Awards Council	
	630847	Member		1-Jan-06	31-Dec-07	RA0245C	RA-Standing Committees
				1-Apr-04	30-Apr-08	CMTT3600	Robotics and Automation Award Committee
				1-Dec-83	31-Dec-92	RA024	EEE Robotics and Automation Society
				1-Jan-87	31-Dec-87	CM8800	Technical Activities Board
			1-Jan-94	31-Dec-99	RA024	EEE Robotics and Automation Society	
			1-Jan-93	31-Mar-04	CMTT3600	Robotics and Automation Award Committee	
			1-Jan-04	30-Apr-06	CM0240	Technical Field Awards Council	
			1-May-06	30-Apr-07	CMTT3600	Robotics and Automation Award Committee	
			1-Jan-02	31-Dec-04	RA024	EEE Robotics and Automation Society	
			1-Jan-05	31-Dec-07	RA024	EEE Robotics and Automation Society	
649102	Administrative Committee						
	Chair, Technical Committee	Human-Robot Interface & Coordination	1-Jan-01	31-Dec-05	RA024TC	RA-Technical Committees	
	Chapter Coordinator	New Code "Scop"	1-Jan-99	31-Mar-00	RA024	EEE Robotics and Automation Society	
	Corresponding Member, EEE Robotics and Automation Society	EEE Robotics and Automation Society	1-Jan-06	31-Dec-08	CMTA805	TAB Strategic Planning Committee	
	International Affairs	Chapter and International Affairs	1-Jan-01	31-Dec-07	RA0245C	RA-Standing Committees	
	Long Range Planning		1-Jan-08		RA0245C	RA-Standing Committees	
	Member	Conference Board Meetings	1-Jan-07	31-Dec-07	RA0245C	RA-Standing Committees	
	President		1-Jan-92	31-Dec-98	E513	EEE Industrial Electronics Society	
			1-Jan-87	31-Dec-90	RA024	EEE Robotics and Automation Society	
	Society Membership Chairman		1-Jan-95	31-Dec-99	RA024	EEE Robotics and Automation Society	
Society President Elect	President Elect	1-Jan-95	31-Dec-99	RA024	EEE Robotics and Automation Society		
Society/Chapter Coordinator	VP Member Activities	1-Jan-99	31-Dec-99	RA024	EEE Robotics and Automation Society		
Vice President	Vice President - Member Activities	1-Jan-98	31-Dec-01	RA024	EEE Robotics and Automation Society		

Data from Rosalyn

RA Society Presidents' Volunteer History

375518	600 Transactions/Journal Access			21-Nov-02		MECH921	Transactions on Mechatronics
	Appointment, Technical Activities Board			6-Dec-02		MECH928	Journal on Microelectromechanical System
					1-Jan-03	31-Dec-03	CMTA807
	Chair, Technical Committee	Medical Robotics	1-Jan-01	31-Dec-08	RA024TC	RA-Technical Committees	
	Corresponding Member, EEE Robotics and Automation Society	EEE Robotics and Automation Society	1-Jan-03	31-Dec-03	CMTA807	TAB/PSRB Products & Services Committee	
	Member			1-Jan-01	31-Dec-01	RA0245C	RA-Standing Committees
				1-Jan-01	31-Dec-00	RA024	EEE Robotics and Automation Society
	Past President			1-Jan-00	31-Dec-00	SEN029	EEE Sensors Council
	President			1-Jan-04	31-Dec-05	RA024	EEE Robotics and Automation Society
				1-Jan-02	31-Dec-03	RA024	EEE Robotics and Automation Society
635134	President, EEE Robotics and Automation Society	EEE Robotics and Automation Society	1-Jan-02	31-Dec-02	LMB000	Technical Activities Board	
	Representative, EEE Robotics and Automation Society	EEE Robotics and Automation Society	1-Jan-01	31-Dec-08	STG030M	SIT, Associate Members	
	Senior Past President		1-Jan-01	31-Dec-01	SEN030R	SEN-Society Representative	
	Society Awards Chairman	Awards	1-Jan-06	31-Dec-06	BD0405R	BIO-EEE Biometrics Council Society Reps	
	Society President Elect		1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society	
	Meetings		2002/1/1 0:00	2004/1/1 0:00	NANO423	NANO-Standing Committees	
	Member		2004/1/1 0:00	2006/12/31 5:00	CM0605	EEE Fellow Committee	
	Professional Interest in Technical Access		2003/1/1 0:00		NANO402	EEE Nanotechnology Council	
	Representative, EEE Robotics and Automation Society		2007/1/1 0:00		CM04100	EEE USA R&D Policy Committee	
	635134	Vice President - Publications		2001/1/1 0:00	2002/12/1 0:00	JN011	EEE Neural Networks Council
Vice President for Conferences			2002/1/1 0:00	2003/12/1 0:00	NNS011	EEE Neural Networks Society	
President			2002/1/1 0:00	2003/12/1 0:00	NANO402	EEE Nanotechnology Council	
EEE Div X Director		EEE Div X Director	1995/1/1	1996/12/31	RA024	EEE Robotics & Automation Society	
Member, EEE Bd of Directors		Member, EEE Bd of Directors	1985/1/1	1986/12/31		EEE TAB Division X	
Vice President Conferences		Vice President Conferences	2004/1/1	2007/12/31		EEE Robotics & Automation Society	

Data from Rosalyn

RA Society Presidents' Volunteer History

206705	Advisory Board	Advisory	1-Jan-06	09-Jun-07	RA0245C	RA-Standing Committees
	Chair, Technical Committee	Virtual Reality in Robotics	1-Jan-01	31-Dec-01	RA024TC	RA-Technical Committees
	Chapter Chair		1-Apr-06	31-Dec-09	CH19883	Japan Council Chapter, RA024
	Current Past President		1-Jan-00	09-Jun-07	RA024	EEE Robotics and Automation Society
	Long Range Planning		1-Jan-02	31-Dec-06	RA0245C	RA-Standing Committees
	Member		31-Oct-84	31-Dec-87	E513	EEE Industrial Electronics Society
	Nominations		1-Jan-04	31-Dec-09	RA024	EEE Robotics and Automation Society
	President	EEE Robotics and Automation Society	1-Jan-04	31-Dec-05	RA024	EEE Robotics and Automation Society
	Representative, EEE Robotics and Automation Society		1-Jan-04	31-Dec-05	CM8800	Technical Activities Board
	Society President Elect	President Elect	1-Jan-02	31-Dec-03	RA024	EEE Robotics and Automation Society

Data from Rosalyn

RA Society Presidents' Volunteer History

482942	600 Transactions/Journal Access			26-Dec-02		TAB917	Transactions on Nanobiotechnology
	Administrative Committee			1-Jan-01	31-Dec-01	RA024	EEE Robotics Society
				1-Jan-00	31-Dec-00	RA024	EEE Robotics and Automation Society
	Appointee	Regional Technical Activities Committee	1-Jan-00	31-Dec-00	RA024	EEE Robotics and Automation Society	
	Chair, Technical Committee	Strategic Environment & Safety	1-Jan-03	31-Dec-03	RA024TC	RA-Technical Committees	
		Human Factors & Automation	1-Jan-03	31-Dec-03	RA024TC	RA-Technical Committees	
	482942	Division - Division 5		1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society
				1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society
				1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society
				1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society
			1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society	
			1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society	
			1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society	
			1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society	
			1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society	
			1-Jan-01	31-Dec-01	RA024	EEE Robotics and Automation Society	

Data from Rosalyn

What Dick did for RAS and IEEE!

Director, Division X	1-Jan-09	31-Dec-09	BIO046	IEEE Biometrics Council
			CIS011	IEEE Computational Intelligence Society
			CMBB800	Technical Activities Board
			CMC0300	IEEE Board Of Directors
			CS023	IEEE Control Systems Society
			EMB018	IEEE Engineering in Medicine and Biology Society
			PHO036	IEEE Photonics Society
			RA024	IEEE Robotics and Automation Society
			SEN039	IEEE Sensors Council
			SMC028	IEEE Systems, Man, and Cybernetics Society
			SYSC045	IEEE Systems Council

What Dick did for RAS and IEEE!

Member	1-Jan-08	31-Dec-08	CMPIAG	Tab Agenda Supporting Documents
	1-Aug-89	31-May-91	RA024	IEEE Robotics and Automation Society
	1-Jan-94	31-Dec-00	RA024	IEEE Robotics and Automation Society
			CMPB002	Pspb Strategic Planning Committee
	1-Jan-04	31-Dec-05	CMPB003	PSPB N&A Committee
			CMPB004	PSPB Operating Committee
	1-Jan-06	31-Dec-06	CMPB013	IEEE Career Svcs Committee
	1-Jan-07	31-Dec-07	CMPB013	IEEE Career Svcs Committee
	1-Jan-07	31-Dec-08	CMPB002	Pspb Strategic Planning Committee
	1-Jan-08	31-Dec-08	CMC0400	Directors Elect
		31-Dec-09	CMC4700	IEEE Marketing And Sales Committee
	1-Jan-09	31-Dec-09	CMC1200	IEEE Life Members Committee
			CMC2800	IEEE Audit Committee
Non Voting Member	1-Jan-08	31-Dec-08	CMC219	IEEE Executive Director's RZA2 Ad Hoc Committee
		CMC1600	Publication Services and Products Board	

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