

## Chronological table of main projects and systems

Dates	Location	Name	Directors researchers	Method	Languages	Section
49-60	U. Washington		Reifler	dir	RE,(GE,CE)	4.1
50-60	RAND Corp.		Harper Hays	dir	RE	4.4
51-65	MIT		Bar-Hillel Yngve	tr	GE (F,A,C,Fin)	4.7
52-63	Georgetown U.	GAT	Dostert Zarechnak	dir	RE RE	4.3
		-SERNA -SLC	Toma Brown		FE	
54-64	Harvard U.		Oettinger Kuno	dir	RE (JE)	4.9
54-67	CLRU		Masterman	int	E,I,L	5.2
55-59	Birkbeck C.		Booth	dir	FE,GE	5.1
55-67	Ramo-W.		Swanson Garvin	dir	RE	4.6
55-62	U. Michigan		Koutsoudas	dir	RE	4.5
55-64?	ITVMT Moscow		Panov Bel'skaya Nikolaeva	dir dir dir	ER RE	6.1
55-66	MIAN Moscow		Lyapunov Kulagina	dir tr	FR ER	6.2
55-65?	Inst. Ling. Moscow		Moloshnaya Reformatskii Mel'chuk	(int)	FR (HR)	6.3
57-?	1st Moscow State Ped. Inst.		Revzin Rozentsveig	(int)	(E,F,S,R)	6.5
57-66	Prague		Sgall	(int)	ECz	6.10
58-67?	Leningrad		Andreev Zasorina	int dir	mult RE	6.4
58-70	ETL Tokyo	Yamato	Wada,Tadenuma	dir	EJ,(JE)	7.1
58-64	IBM	Mark I,II	King	dir	RE,(FE,CE)	4.2
58-64	UC Berkeley		Lamb	(dir)	RE,(CE)	4.10
58-72	Wayne State U.		Josselson	dir	RE	4.12
58-68	LRC Texas		Lehmann, Tosh	tr	GE(RE,F,S,J)	4.11
59-66	Milan		Ceccato	int	RE,(I,G,L)	5.3
59-63	NBS		Rhodes	dir	RE	4.8
59-66	NPL			dir	RE	5.4
61-71	U. Grenoble	CETA	Vauquois	int	RF,(GF,JF)	5.5
63-77	Patent Off. Moscow		Vasilevskii	tr,rst	ER	11.5
64-	Latsec/WTC	Systran	Toma	dir	RE	12.1
64-76	Bonn	LIMAS	Hoppe	int	EF,FE,EI,&c.	14.1
65-81	U. Montreal	TAUM(-AV) METEO	Kittredge	tr dir,rst	EG,GE EF	10.4 13.1
65-76	Moscow	MTM	Mel'chuk	int	ER	10.2
66-76	Leningrad		Fitialov	tr	ER	11.5
67-	Saarbrücken	SUSY	Maas Luckhardt	tr	RG E,F,J,Esp	13.2

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## Chronological table of main projects and systems (contd.)

Dates	Location	Name	Directors researchers	Method	Languages	Section
67-75	CETIS Ispra	EURATOM	Perschke	tr	RE	11.1
67-75	UC Berkeley	POLA	Wang	tr	CE	11.2
69-78	Logos Corp.	LOGOS	Scott	dir	EV, etc.	12.2
69-	Hong Kong	CULT	Loh	IA,dir	CE	17.9
70-74	Stanford U.		Wilks	AI	EF	15.1
70-75	LRC Texas	METAL	Lehmann Stachowitz	int	GE,(RE)	10.3
70-79	Brigham Y. U.	ITS	Lytle	IA,int	Emult	17.10
70-	Paris	TITUS	Ducrot	rst	E,F,G,S	17.3
71-	U. Grenoble	GETA -ARIANE	Vauquois Boitet	tr	RF,(E,G, C,J,P,Mal)	13.3
73-	U. Heidelberg	SALAT		int	E,F,G	16.1
74-	Moscow	AMPAR NERPA FRAP	Marchuk Marchuk	dir dir tr	ER GR FR	18.4 18.5 18.6
75-	Leningrad		Piotrowski	dir,rst	ER,JR	18.2
76-	PAHO	SPANAM ENGSPAN	Vasconcellos Leon	dir dir	SE ES	12.4
76-	Prague		Kirschner	tr	ECz	13.5
77-	Chicago	Weidner		IA,dir	A,E,F,G I,J,P,S	17.12
77-	New York	Smart	Smart	IA,rst	EF	17.4
78-	CEC	Eurotra	Perschke	tr	mult	14.2
78-	LRC Texas	METAL	Lehmann Slocum	tr	GE	13.4
78-82	Yale		Carbonell	AI	ER,ES	15.2
		MOPTRANS	Lytinen	AI	SE,FE	
79-	BSO Utrecht	DLT	Witkam	int	(Esp)	16.3
80-	Provo (Utah)	ALPS		IA	EF,EG,EI,ES	17.11
80-	Kyoto	TITRAN Mu	Nagao Nagao	dir,rst tr	EJ EJ,JE	18.13
81-	Hitachi	ATHENE		tr	EJ,JE	18.10
81-	Fujitsu	ATLAS		AI,IA	JE,JG	18.11
81-	Osaka			tr	EJ,JE	18.9
81-	NTT	LUTE	Nomura	AI	JE,EJ	18.12
82-	Logos Corp.	Logos		tr	GE,(EG)	13.6
83-	Colgate U.	TRANSLATOR	Tucker	AI	E,S,R,J	15.7

## Abbreviations

Methods:- dir=direct, int=interlingual, tr=transfer, IA=interactive, rst=restricted language, AI=artificial intelligence.

Languages:- C=Chinese, Cz=Czech, E=English, Esp=Esperanto, F=French, Fin=Finnish, G=German, H=Hungarian, I=Italian, J=Japanese, L=Latin, Mal=Malayan, mult=multilingual, P=Portuguese, R=Russian, S=Spanish, V=Vietnamese