

PERSONAL INFORMATION

Giovanni Toffoli



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Sex male | Date of birth 03/06/1946 | Nationality Italian

WORK EXPERIENCE

1988-Present

**Founder, CEO**

LINK srl, Via Udine 30 - Roma, Italy

- Responsible for research and technology transfer activities  
**Business or sector** ITC systems, ITC consultancy, applied research, technology transfer

1982-1988

**Owner**

SOFT sas, Via Udine 30 - Roma, Italy

- Responsible for the innovation of software products  
**Business or sector** ITC systems, tools, and technologies

1980-1981

**Founder, Vice-president**

INFOLAB srl - Cooperativa Informatica, Via F.M. Nicolai, Roma, Italy

- Responsible for the development of software products  
**Business or sector** ITC systems, tools, and technologies

1978-1980

**Teacher**

ITIS Fermi - Istituto Tecnico Industriale per l'elettronica e le telecomunicazioni, Via Trionfale, Roma, Italy

- Teacher of electronics  
**Business or sector** Public secondary education

1973-1978

**Software analyst**

Selenia SpA – IRI-STET/Finmeccanica Group, Via Tiburtina - Roma, Italy

- Developer of system software, communication software and software for the automatic testing of space equipment.  
**Business or sector** Military and civilian professional electronic systems

EDUCATION AND TRAINING

1965-1972

**Degree in Electronic Engineering (EQF level 7)**

Sapienza - Università di Roma (University of Rome 1)

- Calculus, Analytic geometry, Numeric analysis, Physics, Chemistry, Mechanics, Probability, Statistic theory of communications, Mathematical logic, Electrical engineering, Electronics, Digital circuits, Systems theory, Automatic control, Theory of computer languages and operating systems.

1960-1965

**High school diploma (EQF level 5)**

Liceo-Ginnasio Terenzio Mamiani, Viale delle Milizie, Roma

- Italian language and literature, Greek language and literature, Latin language and literature, General history, History of philosophy, History of arts, French language and literature, Mathematics, Physics.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1
French	C1	C1	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills ▪ ability to move from shared high-level goals to concrete task assignments

Job-related skills ▪ flexibility, constancy, reliability

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

SOME ACHIEVEMENTS WITH LINK (CURRENT POSITION)

- CommonSpaces ▪ The collaborative learning environment and community platform of the Erasmus+ project CommonS.
- WIP ▪ The "Website Internationalization Platform", providing a translation-proxy service and a set of related tools. One of the results of the European project FAIRVILLAGE (FIWARE/FI-Adopt sub-grant).
- Fulbright Platform ▪ The online platform of the US-Italy Fulbright Commission, supporting the distributed evaluation of the grant applications.
- RomaPaese ▪ A "Resource Map" that organizes and delivers information about a network of geo-referenced entities and services related to wellbeing and solidarity.
- Natural Language Workbench ▪ An experimental platform providing a user interface and several custom extensions to the Natural Language Toolkit (NLTK).
- Cultura&Territorio ▪ A competence management system for the cultural heritage domain, including a map of semantically classified cultural assets, management and valorization methodologies, conservation and restauration technologies.
- The INTEROP K-Map ▪ A knowledge management application, exploiting research results in semantic web, text mining, information retrieval and ontology enrichment. Developed to map the competences of the partners of the European project Interop-NoE (FP6-508011).
- ISPESL Digital Repository ▪ The Institutional Digital Repository of grey literature for ISPESL, the research department of INAIL, the Italian national institute for the prevention of accidents at work.
- M-LOGO and IperLogo ▪ M-LOGO was an advanced interpreter, for MS-DOS, of the educational language LOGO. IperLogo is a further enriched version of the LOGO environment for Microsoft Windows.
- X-Windows study ▪ A feasibility study on the porting of the operational software of the vessel control consoles of Alenia SpA from a proprietary OS and graphical libraries to a Linux-like OS equipped with X-Windows.
- Analysis of Mediterranean routes ▪ Processing of a very large data base and analysis of correlation between the routes followed by thousands of vessels in the Mediterranean Sea and their virtual (nominal) routes.

- Alenia-LIA
- Participation, as a consultant, to the establishment of the Artificial Intelligence Laboratory (LIA) of Alenia SpA and to its first research activities in the field of Natural Language Processing.

#### SOME CONSULTANCY BENEFICIARIES

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- Fulbright  
Finmeccanica  
Confindustria  
Uniroma1  
Bordeaux1  
City of Rome  
Italian Government
- The US-Italy Fulbright Commission
  - Leonardo Finmeccanica SpA (formerly SELEX, AMS, Alenia, Selenia), Roma
  - Sistemi Formativi Confindustria (the educational branch of the main association representing manufacturing and service companies in Italy), Roma
  - Sapienza Università di Roma (teaching contract)
  - University of Bordeaux 1
  - Municipality of Rome - Department of Social Affairs
  - Municipality of Rome - Department of Professional Training
  - Ministry of Public Works - General Direction for Soil Protection

#### PUBLICATIONS

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Mascari GF, Maniscalco U, Moltedo L, Moscati P, Pilato G, Pitolli L, Salonia P, Toffoli G. 2010. Adaptive Semantics of Complex Information/Services Networks: a case study from Cultural Heritage.

IEEE Computer Society, Proceedings of CISIS 2010 Conference.

Mascari GF, Maniscalco U, Moltedo L, Moscati P, Pilato G, Pitolli L, Salonia P, Toffoli G. 2009. Complex Intelligent Information/Services Networks: a case study from Cultural Heritage.

AI\*IA – Associazione Italiana per l'Intelligenza Artificiale. Proceedings of the AI\*IA 2009 Conference - Workshop on Intelligent Cultural Heritage, Reggio Emilia, 12 December 2009.

Toffoli G, Lariccia S. 2004. Qualche considerazione sull'offerta di Learning Management System open source. (Some considerations on the offer of open source Learning Management Systems).

EUE - Editoria Università Elettronica, on behalf of the project "Web Learning for the quality of the human capital" (National research program launched by MIUR and CNR). Proceedings of the second annual workshop, Ferrara, 12 May 2004

Lariccia S, Toffoli G, 2003. The platform of the Web Learning Portal.

EUE - Editoria Università Elettronica, on behalf of the project "Web Learning for the quality of the human capital" (National research program launched by MIUR and CNR). Proceedings of the first annual workshop.

Toffoli G, 1998. Dissemination and exploitation of European RTD results in the area of the EDSS-related technologies.

The Esprit-NOW Newsletter No. 1, May 1998. FP4-ESPRIT (Information Technology), Project ID: 22764.

Marti P, Profili M, Raffaelli P, Toffoli G. 1992. Interaction Styles in the Multimodal Interface MIMESIS.

AICA - Associazione Italiana per il Calcolo Automatico. Proc. of AICA '92 conference.

Marti P, Profili M, Raffaelli P, Toffoli G. 1990. La generazione del linguaggio: un problema di livelli e di "imbarazzo della scelta". (Language generation: a problem of levels and of "spoilt for choice")

Golem (periodical jointly published by: Consiglio Nazionale delle Ricerche. Istituto di Psicologia; Olivetti Ricerca; Università degli Studi La Sapienza), year II n.8/9, 1990

Toffoli G, Giannetti A. 1989. Un sistema realistico per la comprensione di sequenze di frasi.. (A system for the understanding of sentence sequences)

AI\*IA - Associazione Italiana per l'Intelligenza Artificiale – Proceedings of the AI\*IA '89 Conference.

Toffoli G, Mura A. 1988. Elementi di intelligenza artificiale. (Elements of Artificial Intelligence)

Buffetti Editore - Roma.

Pentiraro E, Toffoli G. 1986. MLOGO: con il LOGO, oltre il LOGO. (MLOGO: with LOGO, beyond LOGO)

CLUEB Editrice - Bologna. Proceedings of the International Conference ANTEM 1985.

Toffoli G. 1986. Il sistema operativo MS-DOS. (The MS-DOS Operating System.

Buffetti Editore - Roma (4 editions).

Laricca G, Piras D, Toffoli G. 1980. I sistemi cognitivi come strumento generale per la rappresentazione della conoscenza. (Cognitive systems as general tools for knowledge representation).

AICA - Associazione Italiana per il Calcolo Automatico. "Rivista di Informatica". Supplemento al Vol.X, N.3, novembre 1980, pp.41–65.

Toffoli G. 1977. Un'esperienza di programmazione strutturata nello sviluppo di software per minicalcolatori. (An experience of structured programming in software development for minicomputers)

Selenia - Industrie Elettroniche Associate SpA. Rivista Tecnica Selenia, Vol.4 n.2, 1977.

Ballaben G, Missikoff M, Toffoli G. 1976. Applicazione dei principi della Programmazione strutturata ai minicalcolatori. (Application of structured programming to minicomputers)

Honeywell SpA, Milano. Procedures of study days on "Structured Programming: Experiences and trends.", June 1976.

PARTICIPATION TO  
INTERNATIONAL RESEARCH  
PROJECTS

CommonS

▪ "Common Spaces for collaborative learning"- Project 2014-1-IT02-KA200-003402 - Erasmus+ Cooperation for innovation and the exchange of good practices - 2014-2017

FIWARE/FI-Adopt accelerator

▪ FairVillage "Multilingual maps of social and cultural resources for immigrants and families"- FI-Adopt 3rd call, sub-grant 304 - 2015-2016

ATOM

▪ "Airport detection and Tracking Of dangerous Materials by passive and active sensors array" - Project ID: 234014 - FP7-AAT-2007-RTD-1 (Aeronautics and Air Transport Research) - 2009-2012

NOW

▪ "Dissemination and exploitation of European RTD results in the area of the EDSS-related technologies"- Project ID: 22764 (accompanying measure) - FP4-ESPRIT (Information Technology) - 1996-1998

EQUALITY

▪ "Extending quality of urban service for added-value living using interactive telematic systems"- Project ID: UR1010 - FP4-C.6 (Telematics Applications for Urban and Rural Areas) - 1996-1997