





Vidyasagar, Tempo, Antoulas, and Anderson  
CDC 96: Kobe, Japan



















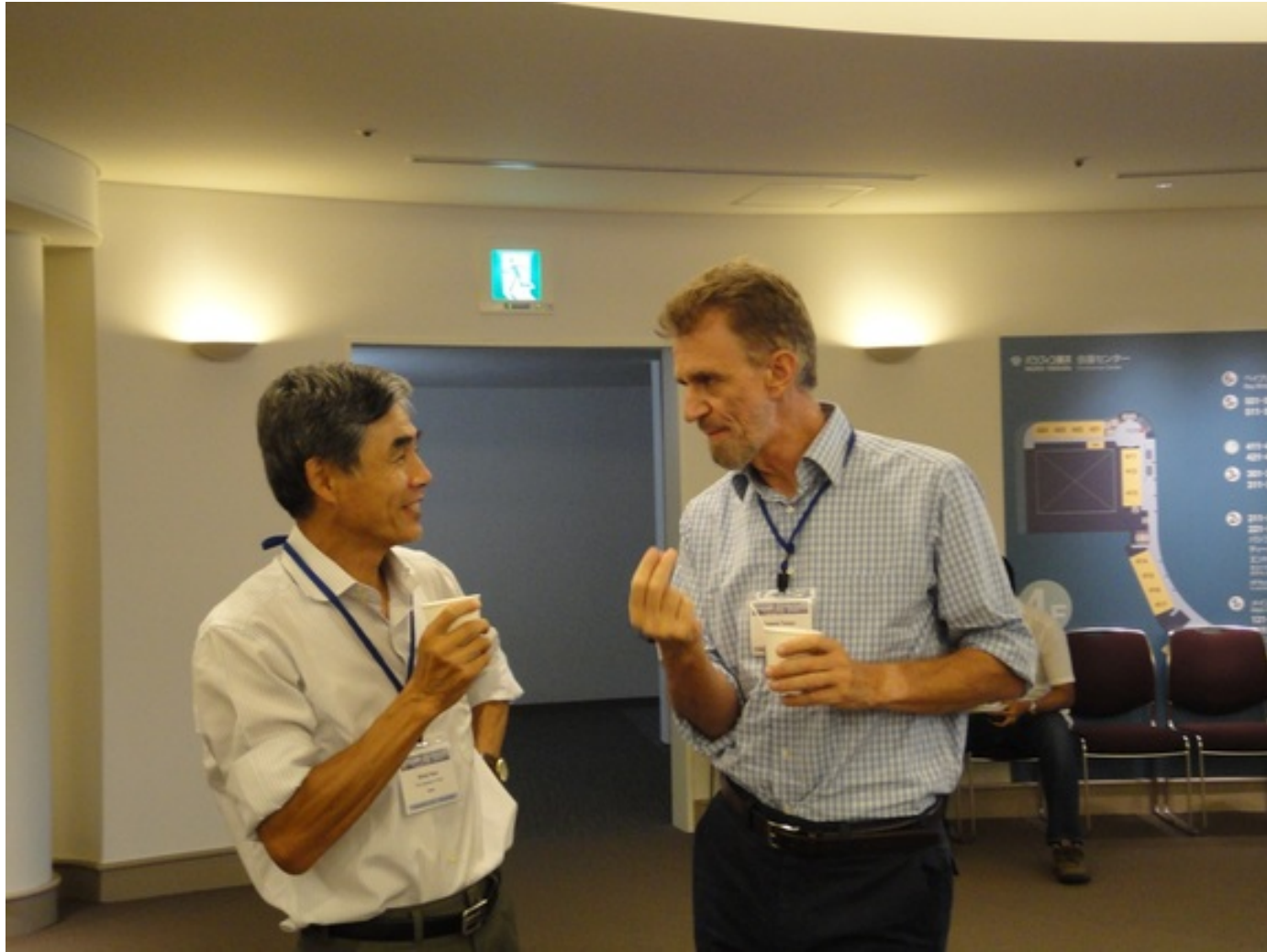


































# Control Systems Society









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# Roberto Tempo

From Wikipedia, the free encyclopedia

**Roberto Tempo**<sup>[2]</sup> (April 10, 1956 – January 14, 2017) was an Italian scientist,<sup>[3][4]</sup> known for his studies on complex networked systems in information technology.<sup>[5]</sup>

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## Life and career [edit]

He graduated in Electrical Engineering in 1980 at [Politecnico di Torino](#), joined the [National Research Council of Italy](#) (CNR) at the research institute IEIIT, Torino, serving as a Director of Research of Systems and Computer Engineering since 1991.<sup>[6]</sup> He also served in visiting and research positions<sup>[7]</sup> at [Tsinghua University](#) and [Chinese Academy of Sciences](#) in Beijing, [Kyoto University](#), [The University of Tokyo](#), [University of Illinois at Urbana-Champaign](#), [German Aerospace Research Organization](#) in Oberpfaffenhofen and [Columbia University](#) in New York City.

## Work [edit]

The success of the distributed randomized methods proposed by Roberto Tempo is witnessed by the monograph "Randomized Algorithms for Analysis and Control of Uncertain Systems",<sup>[8]</sup> that was published by Springer-Verlag, and that represents a pioneering textbook, laying the foundations of probabilistic methods in the analysis and design of systems affected by deterministic and stochastic uncertainty, and also encompassing [statistical learning theory](#) and sequential methods for control.

His last research activity was dedicated to opinion dynamics and led to the Science paper "Network Science on Belief System Dynamics Under Logic Constraints",<sup>[9]</sup> written in collaboration with Noah E. Friedkin, A. V. Proskurnikov, and S. E. Parsegov. This seminal paper proposes a mathematical model that describes the relationship and time-varying behaviour of belief systems and interpersonal influence.

He served the [IEEE Control System Society](#) (CSS)<sup>[10]</sup> in various forms: he was Vice-President for Conference Activities (2002-2003), President-Elect (2009) and President (2010). He was also Program Chair of the first joint IEEE Conference on Decision and Control (CDC) and European Control Conference (Seville, Spain, 2005) and General Co-Chair for IEEE CDC (Firenze, Italy, 2013). He also was an officer of the [International Federation of Automatic Control](#) (IFAC) as Chair of the Italian National Member Organization, and Editor in Chief of the IFAC flagship journal *Automatica* (since 2015). He also served as member of the IFAC Fellow Selection Committee, 2011-2014 and 2015-2017.

## Life [edit]

Roberto Tempo was a passionate skier, hiker and climber. He was national instructor of ski mountaineering of the Italian Alpine Club and a keen climber, climbing 7a difficulties. His love for the mountains was well known within the control community and to the two passions of his life he had devoted his last President's of the IEEE Control System Society Message, titled "Mountains and Control"<sup>[11]</sup>

## Awards [edit]

- 2014: [IEEE Control Systems Magazine Outstanding Paper Award](#) for the paper titled "The PageRank Problem, Multi-Agent Consensus and Web Aggregation: A Systems and Control Viewpoint," by H. Ishii and R. Tempo which appeared in *IEEE Control Systems Magazine*, Vol. 34, pp. 34–53, 2014.

**Roberto Tempo**



**Born** Roberto Tempo  
April 10, 1956  
Cuornè, Italy

**Died** January 14, 2017 (aged 60)<sup>[1]</sup>  
Rifugio Jervis, Ceresole Reale, Italy

**Nationality** Italian

**Fields** [Electrical Engineering](#);  
[Mathematics](#);  
Applied Engineering Systems Theory

**Institutions** Institute of Electronics, Computer and Telecommunication Engineering (IEIT) CNR

**Alma mater** [Politecnico di Torino](#)

**Notable awards**



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### Roberto Tempo

Director of Research  
CNR-IEIIT  
Politecnico di Torino  
Corso Duca degli Abruzzi 24  
10129 Torino - Italy  
Telephone: +39 011 090-5408  
Fax: +39 011 090-5429  
E-mail: roberto.tempa at polito.it







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e saranno di grande esempio per le nuove generazioni.*



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percorso in sentieri inesplorati.  
Una passione straordinaria,  
dedicata ai sistemi di controllo.  
Un amore bruciante,  
consegnato alla montagna.  
Un sorriso contagioso,  
regalato a chiunque incontrava.

CIAO ROBERTO

