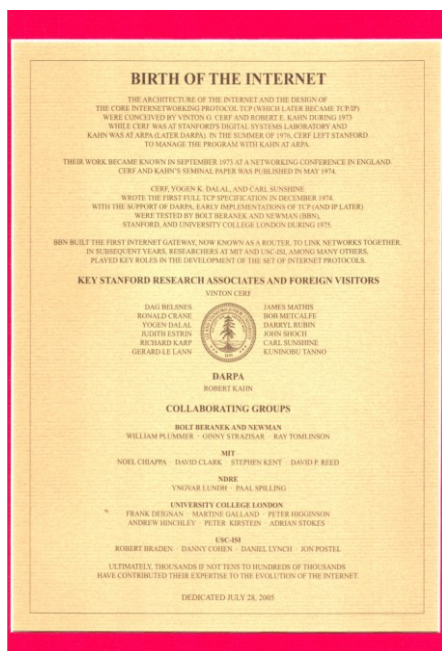


Short bio:

Dr. Gerard Le Lann holds French degrees, a M.S. in Applied Mathematics, an Engineering Degree in Computer Science (both from the University of Toulouse) and a Ph.D in Computer Science (University of Rennes). He started his career at CERN, Geneva (Switzerland), and joined IRIA (now INRIA) in 1972. His main areas of research are distributed dependable computing and networking, real-time computing and networking, proof-based system engineering and, more recently, mobile wireless safety-critical cyber-physical systems and networks. At Stanford University (1973-74), working with Professor Vint Cerf, he was involved in the design of what became known as the Internet TCP/IP protocol.

In 1977, he published one of the founding papers on distributed fault-tolerant computing. In the early 80's, he published innovative results on non blocking concurrency control in distributed databases, which work was eventually supported by Digital Equipment Corp. In the mid 80's, he co-patented a deterministic version of the Ethernet protocol, which became a French Navy standard. More recently, he has published papers on safety-critical time bounded communications in intelligent vehicular networks, and has started work on cyber-energy transition.

In 2012, G. Le Lann has received the Willis Lamb Prize from the French Academy of Sciences for his work applicable to defense systems.



Besides its current affiliation with INRIA as Emeritus Research Director, G. Le Lann is an international consultant. He has conducted a number of audits and managed more than 50 contracts in his research areas, for US, European, and French organizations and companies.

