

Fabrizio Gagliardi, Microsoft, US

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Fabrizio Gagliardi has worked for many years at CERN, since his doctor degree in computer science from the University of Pisa in 1974. There he held several scientific and managerial positions in fields such as real-time data acquisition systems for particle physics experiments, pioneered Artificial Intelligence and knowledge based systems, and promoted early adoption of advanced distributed computing technology for scientific applications. By the early '90s he became responsible for the data management services of the CERN central computer centre. In the mid '90s he promoted the move towards parallel computing and led a major EU funded project, GPMIMD2, which designed one of the most advanced supercomputers of that time. The system interconnect of that system (Elan/Elite) is still today one of the most performing systems in the market and used in several of the TOP500 supercomputers. At the end of the 90' his interests moved towards Grid computing and he started early collaboration with Ian Foster and Carl Kesselman in the US, which led to projects like EU-DataGrid and EGEE, of which is was Principal Investigator and Director from 2000 till 2005.

In 2004-2005 while still Director of EGEE (www.eu-egee.org) he contributed to the incubation and launch of more than 10 other Grid EU projects all inspired and supported by the EU EGEE flagship project. In November 2005, after the last EGEE conference in his home town of Pisa, Fabrizio Gagliardi joined Microsoft Corporation in Redmond, USA, to take responsibility for the company Technical Computing Initiative in Europe, Middle East, Africa and Latin America.

Fabrizio Gagliardi has authored and co-authored many publications in HPC applied to science. He is an expert in computing at the Commission of the EU and member of several scientific advisory committees, conference and journal editorial boards.