

SPEAKER'S BIOGRAPHY

Jean-Jacques Favier (France)



Astronaut Payload Specialist (France)

Deputy Director for Advanced Concepts and Strategy, CNES

Personal data

Born April 13, 1949, in Kehl, Germany.

Education

Received an engineering degree from the National Polytechnic Institute of Grenoble in 1971 and earned a Ph.D. in engineering from the Mining School of Paris (1976) and a Ph.D. in metallurgy and physics from the University of Grenoble in 1977.

Organisations

Research Engineer, Commissariat à l'Énergie Atomique (CEA), 1976-1979. Head of Solidification Group 1970-1986, Head of Laboratory 1986-1989, Head of Solidification and Crystal Growth Service, 1989 to 1993, Astronaut Candidate CNES, Paris 1985. Associate Professor University of Huntsville Alabama (UHA) 1994. Assistant Director of Advanced Technology (CEA) 1996-1999, Deputy Director Space Technology (CNES) 1999-2003. Detached to NASA (JSC and MSFC) as Astronaut Payload Specialist 1992-1996.

Experience

Dr. Favier is currently Deputy Director for Advanced Concepts and Strategy (CNES) since 2003 and Director of Research of CEA. He was the principal investigator (P.I.) of more than 10 international experiments with European countries, Russia and the US. He has been a CNES payload specialist candidate since 1985. He was alternate Payload Specialist on STS 65 (IML2 mission) supported the mission as a Crew Interface Coordinator (CIC/APS) from the Payload Operations Control Centre at the Marshall Space Flight Centre in Huntsville, Alabama. He flew onboard Columbia in 1996 for the STS 78/LMS mission, orbiting the Earth 271 times.

Special Honors

Recipient E. Brun Price Award French Academy Sciences 1982, Grand Prix Marcel Dassault French Academy of Sciences 1997. NASA Space Flight Medal 1996. Gold Medal of Grenoble 1997, Chevalier de la Legion d'Honneur French Government 1998.

Member of International Academy of Astronautics, Member of International Organization of Crystal Growth, Member of American Association of Crystal Growth, Société Française de Metallurgie. Chairman of Groupe Français de Croissance Cristalline, Member of the Space Science Committee of the European Science Foundation (ESF). Chairman of the Space Station User Panel of ESA.

Several patents on crystal growth processes, furnaces and in situ diagnosis. Published more than 130 research articles in refereed scientific journals and books.