

Henri Rajbenbach

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Henri Rajbenbach is a Senior Expert and Programme officer at the European Commission (EC), in the Directorate General DG CONNECT (Communications Networks, Content & Technology)

Henri Rajbenbach joined the EC in 1997 as a Project officer in the areas of microelectronic integration, sensors and displays. In 1999, he launched the “Photonic Components” initiative in the IST (Information Society Technologies) programme, and then expanded the original field of optical telecommunications to include health, life science, environment, lighting and security.

In 2007, Henri took over a project portfolio in the area of Microsystems, supporting multidisciplinary research for the integration of core technologies and associated materials. Applications address biochips and biosensors, microdisplays, large-area organic devices and miniaturized smart system sensors and actuators. He is currently coordinating the ICT activities on Smart System Integration and related policies.

Prior to joining the EC, Henri conducted research in image processing and lasers for biometrics, security and defense applications at Thomson-CSF (now Thales), France (1987-1997) and in optical signal processing and computing at the University of California, San Diego, USA (1984-1987). He was also teaching an Optoelectronics course at the University of Paris XII (1990-1997).

Henri has published some 50 conference and journal publications, 2 text book chapters and few patents in the areas of information processing, biometrics, photorefractive materials, semiconductor lasers, real-time holography, optical storage, image processing and target recognition.

Henri graduated from the Ecole Supérieure de Physique et Chimie Industrielles, ESPCI (1983) and received his PhD from the Université de Paris VI (1984). He received the first SPIE Europe recognition award in 2008 and was elected SPIE fellow in 2009.