

## Biography

Florent Nierlich received the Engineering Degree in Electrical Engineering from Ecole Nationale Supérieure d'Electricité et de Mécanique, Nancy, France, in 1997.

After graduation, he joined Lucas Aerospace as electrical engineer to work on primary flight control EHA for Airbus Aircraft. He joined Safran Landing Systems in 2002 (formerly Messier-Bugatti-Dowty) as an R&D engineer. Since then, he contributed to the electrification initiative of Safran Group. He developed a wide expertise in power electronics, control, electric machines and drives for more electric aircraft.

Mr. Nierlich holds 21 international patents on electrification of air vehicles including electromechanical brake actuator for aircraft landing system, onboard DC power distribution system, emergency power network for landing-gear hook units, aircraft wheels braking/driving electric system, green taxiing and a system for distributed control of aircraft actuators. His work has been employed in platforms like A380, B787 and A350. In 2015, Mr. Nierlich moved to Safran Electrical & Power to lead research and technology road map mainly focused on new electrical propulsion system.

Mr. Nierlich is currently Engineering director of Safran Electrical & Power, covering electrical generation, distribution and motor drive systems