



Didier GENDRE

PERSONAL INFORMATION

Address: 12, Esplanade Compans-Caffarelli - #27 31000 Toulouse (France)
Tel. +33 674985845
pi2sur6@gmail.com

SOFT SKILLS

Curiosity, adaptability, pedagogy

LANGUAGES

FRENCH (mother tongue)

ENGLISH



SPANISH



ITALIAN

Reading skills:

Writing and Verbal skills:

OTHER SKILLS

TEACHING (SINCE 2009):

System Safety Assessment – Master courses at ISAE in Toulouse (France) & EUROSAE training courses for continuing professional development <http://www.eurosae.com/>

HOBBIES

**CYCLING & MOTORBIKE
DOGS**

WORK EXPERIENCE

October 2021 – today | Sustainable fuel for aviation (SAF)

- Employer: **AIRBUS** in Blagnac, France
- Sector: Energy & Environment
- Main activity: Sustainable Fuel for aviation (SAF) / Sales & distribution
 - Techno-economic assessment of SAF production projects
 - Techno-economic models for SAF production pathways (HEFA, ATJ, e-fuels)
 - Accompanying SAF distribution to Airlines and Airports

January 2012 – October 2021 | GROUND OPERATIONS

- Employer: **AIRBUS** in Blagnac, France
- Sector: Airport Operations
- Main activities:
 - Ground operations (APU, air conditioning, engine start, external power)
 - Customer's support (APU, air conditioning, engine start, external power)
 - Airbus representative at IATA for Ground Operations
 - Tutoring a PhD student for three years (Structure Health Monitoring / Ground impact detection system on composite fuselage).
Successfully tested on A350 aircraft. Patented EU and US.

June 2007 – December 2011 | HYDRO MECHANICAL SYSTEMS CERTIFICATION

- Employer: **AIRBUS** in Blagnac, France
- Sector: Airworthiness certification
- Main activities: certification and airworthiness for ATA 27 (flight controls), ATA 27.5 (secondary flight controls), ATA 52 (doors), ATA 32 (wheels and brakes) and ATA 29 (hydraulic power) on all Airbus aircraft and Beriev Be-200 aircraft

June 2003 – June 2007 | HYDRO MECHANICAL SYSTEMS CERTIFICATION SPECIALIST

- **DGAC** (French Civil Airworthiness Authority) in Paris, France.
- Sector: Airworthiness & Certification
- Main activities:
 - Certification and airworthiness for ATA 27 (light controls), ATA 27.5 (secondary flight controls), ATA 52 (doors), ATA 32 (wheels and brakes), ATA 29 (hydraulic power) on A380 aircraft
 - Continued airworthiness activities on Airbus Wide Body family, ATR 42 and Falcon family aircraft (safety reviews)

October 1999 – June 2003 | HEAD OF R&D

- Employer: **HONEYWELL** (Aerospace Engine & Systems) in Paris, France
- Sector: Design and manufacturing of Environmental Control Systems
- Main activities: manufacturing of new products (air control systems: "bleed" & "ECS pack", vapour cycle systems, oil coolers, fuel/oil heat exchangers, cold plates), coordination of design, development, process, test and certification

December 1993 – September 1999 | RESEARCH & TEST ENGINEER

- Employer: **EADS** in Vélizy, France
- Sector: Aeronautics, Defence & Space
- Main activities: defining and carrying out environmental tests on airborne electronics

EDUCATION AND TRAINING

1988-1993 | DOCTORAT D'ENERGETIQUE DE L'ECOLE DES MINES DE PARIS

- Ecole des Mines de Paris / Berkeley University – USA / EADS company
Research program sponsored by EADS (Defence & Space)
- Level in national classification: Doctorate in Energetics

1985-1988 | INGENIEUR ECOLE CENTRALE DE PARIS

MSc Engineering