

SENGLET Pierre
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Born: 17th of September 1964
in Berne (Switzerland)

Nationality: Swiss

Languages: German (mother tongue),
French and English (both
languages very good
knowledge written and
spoken)

Marital status: Married to Franziska
Senglet-Greuter
since 1993, 3 children

Diplomas:

2004 **Postgraduate diploma of business economics and management**
University of Applied Sciences Berne

1989 **Diploma of Electrical Engineering EPFL Lausanne**

Professional Experiences:

since May 2017 Manager of Lambda-Pi Ltd, independent project manager / consultant / expert

2007-2017 Senior Engineer at SBB Infrastructure, partially in team leader function. Building up of the competence center for braking operations / train dynamics / traction; expert activities for BAV (swiss national safety authority for railways), various organisations in Switzerland and in Europe (UIC and CER working groups).

Some important activities in these 10 years:

- Research on stopping distances of freight trains (2008-2014) in collaboration with BAV, ETH, TU Dresden and RU's; management of the test campaign, development of a new methodology for signalling safety margins, elaboration of the new swiss reglementation about signalling distances.
- Chairman of UIC B 126.24 working group „Braking Performance of UCT Freight Trains“ with representatives from SBB Cargo, DB Cargo, Hupac, AAE/VTG, RCA, PKP Cargo and Mercitalia Rail
- Lectures about Braking Operations at the University of Applied Sciences of Western Switzerland (within CAS Signalling)
- Representation of SBB Infra (Braking Operations) in UIC SET 7
- Safety assessment expertises for ETCS braking curves (BL2, BL3)
- Management of SBB project about thermal limits of braking in steep gradients (together with DB Systemtechnik)

- Expert in various BAV working groups about train operation reglementation
- Expert in CER Support Group TSI-OPE Braking Performance
- Various safety assessment expertises
- Management of the SBB Infra derailment investigation board; close collaboration with the Swiss Transportation Safety Investigation Board

2000-2007	Full time safety and risk assessor; management of the SBB safety audit department; among other tasks large audits of the (at that time new) Safety Management Systems of the SBB subsidiaries SBB Cargo Germany, SBB Cargo Italy, Turbo, RégionAlps, Zentralbahn as well as of the rolling stock maintenance of SBB Cargo and Passenger
1994-2000	Deputy head of SBB train operation reglementation and driver education department
1991-1993	Junior engineer / trainee in traction and rolling stock maintenance
1. Mai 1990	Start at SBB, 1/2 year of locomotive driver education in Berne, locomotive driver exam.
1989-1990	Scientific Assistant at ETH Zürich with Prof. Zwicky (Industrial Electronics)