



2006 - 2007 Chief Technology Officer

**Géomatic Ingénierie SA**

*Internet company of 10+ people active in web-mapping and GIS*

In charge of building new core competences and business opportunities in Positioning, Navigation and LBS by coupling new technologies such as WiFi, RFID, GSM, INS and ubiquitous sensor networks. Directly reported to the CEO.

The interaction of GIS, Internet and GPS allows the company to introduce the satellite technology for the first time in the world famous ski military run 'Patrouille Des Glaciers - PDG'.

Innovation in mapping lead for the company to the filing of a patent (EP1876576).

2003 - 2006 Program Manager - Strategic Projects

**Vectronix AG**

*Defense industry, 100+ company, part of Sagem Défense Sécurité*

Successful creation of the 'Personal Navigation Module' product line with completion of various projects awarded by US DoD.

The activities included the recruitment and management of a multidisciplinary team (5) for the industrialization of the product, as well as the coordination of several multi-cultural projects between geographically de-localized units (USA-UK-BE-CH). During this period, some innovative approaches allows the company to file for 2 new patents (USPTO#20060195254 & USPTO#20070260418).

The business development activities lead to successful contracts and to the integration of the technology in different 'soldier modernization programs' worldwide.

1998 - 2003 Research Assistant - Consultant

**Swiss Federal Institute of Technology**

*Geodetic Engineering Laboratory - EPFL*

The PhD studies on Pedestrian Navigation financed by Leica Geosystems AG via a CTI project (Swiss Innovation Promotion Agency) provided the ideal opportunity to couple academic research with industrial production constraints. As results, a patent (US 6,826,477) and several awards were granted for the pluridisciplinary approach. Among them the 'EPFL 2002 Best Innovation of the year', and the 'Swiss Technology Award 2003'. The PhD thesis itself received the 'Swiss Federal Institute of Technology PHD Award'.

In parallel to the research topic, several classes and consultancy works were performed in the area of surveying and navigation in Colombia, Bolivia, USA and Canada among which he spent close to 2 years.

30 publications were realized during this period covering different aspects of the geomatics. Most of them are available here <http://quentin.ladetto.ch/publications.php>

## VARIOUS

- **Technology Adviser** at Missing Children Switzerland since 2011
- **Consultant** at Ptolemus Consulting Group for external missions since 2010
- **Treasurer** of the **MBA Alumni HEC** Lausanne since 2010
  - Organization and presentation of events
  - Creation of the website of the association including the booking & reservation module
- **Vice-President** of the Swiss Institute of Navigation since 2008
- **External Lecturer** for GPS & LBS, HEIG-VD, since 2005

## EDUCATION

- (2009-2010) **Executive MBA** - McF (Management and corporate Finance) Faculty of Business and Economics (**HEC**), University of Lausanne
  - Class Social Representative
- (2003) **Mastering Technology Enterprise** Program (MTE), The International Institute for Management Development (**IMD**)
- (2002) Doctor ès Science (**PhD**) 2002, from the School of Architecture, Civil and Environmental Engineering, Institute of Urban and Regional Planning & Design (**EPFL**)
- (1998) **Master of Science** in Rural & Geomatics Engineering (**EPFL** – Swiss Federal Institute of Technology)

## LANGUAGES

French (mother tongue)

English

German

Italian

Spanish

*all languages with very good working knowledge*

## AWARDS

- European Satellite Navigation Competition - 3rd prize (2009)
- Trophée PERL (Prix Entreprendre Région Lausanne) - 2nd place (2008)
- EPFL doctorate award (2004)
- Laureate of the Swiss Technology Award (2003)
- EPFL Best Invention of the Year (2002)
- US Institute of Navigation Student Competition Prize Winner (2000)
- GPS World Annual Applications Contest Award (1999)
- EPFL Science, Technique and Society Award (1998)

## PERSONAL INFORMATION

- Born 1st November 1972, married, one child, Swiss nationality.
- Lives between Italy (Rome) and Switzerland (Sion-Lausanne).