

## Compétences

- Gestion de projet de R&D, industriels, IT et médicaux
- Gestion d'équipe (40 personnes)
- Coordination avec différentes institutions
- Recherche des fonds
- Rédactions de rapports scientifiques, techniques et financières
- Logistique
- Propriété intellectuelle: brevets et licences
- Enseignement de la physique et des mathématiques



## Expérience professionnelle

<i>Jagalit (Energy life Sàrl) – Genève</i>	2012 – 2019
- Consultant	
<i>ITU – Genève</i>	2009 - 2012
- Business Analyst & Consultant – ERP – IS Department (3 ans)	
- Project Coordinator & Technical Officer – ICT (ITU-D) (1 année)	
<i>CERN – Genève</i>	1989 - 2009
- Project Coordinator & TT Officer – Technology Transfer (TT) Section (9 ans)	
- Attache Scientifique & Boursier – Department of Physics (11 ans)	
<i>Freelance – Genève</i>	2000 – 2005
- Consultant informatique	
<i>Université – (PE &amp; MX)</i>	82 – 88 & 09 - 14
- Chargé d'enseignement en physique et mathématiques : <a href="#">UNMSM</a> , <a href="#">UNI</a> , <a href="#">URP</a> , <a href="#">BUAP</a>	

## Formation

- Doctorat en Physique, UAM - Madrid – Espagne (1999)
- Master en Physique et diplôme, RUDN – Moscou (1982)

## Langues

- Espagnol *LM*
- Français, Anglais, Russe *Bonnes connaissances*

## Informatique

- Systèmes: *CMS, CRM, ERP, BI*
- Data-bases: *MySQL, LDAP, Oracle*
- Langages: *Python, Ruby, Java, JS, PHP, HTML*
- OS & Apps: *Windows, Linux, Office, Adobe*

## Attestations

- CERN: *ITIL, GDPM, Java, Data Bases*
- ITU: *Ethics*

## Skills

### Management

- Manage IT, med., ind. and R & D projects
- Financial, technical and scientific reports
- Fund Search. Manage a team (40 people)
- IP: Patents and Licenses

### IT



- CMS, CRM, ERP, BI
- DB: MySQL, LDAP, Oracle
- L: Python, Ruby, Java, JS, PHP, HTML
- Windows, Linux, Office, Adobe Apps

### Certifications

- CERN: ITIL, GDPM, Java, Data Bases
- ITU: Ethics

### Languages

- French, English, & Russian Speaker
- Mother Language: Spanish

### Consultant/Freelance

- OMPHARMA: Oracle DB Optimization
- FIRMENICH: Oracle DB Optimization
- LAESA: New IT infrastructure
- LAESA: Manages logistics aspects

### Teaching & Academic (6 years)

- Courses for undergraduate students
- UNMSM, UNI & URP (Lima, Peru)
- BUAP (Puebla, Mexico)
- Follow-up of doctoral students

## Professional Experience



Jagalit (Energy Life Sàrl) – Geneva:

2012-2019

*Project Manager & Consultant*

- Big Data, Blockchain and e-infrastructures: Integration in healthcare mobile apps (Telemedicine) and also their application into medical platforms.
- Renewable energy power systems (Solar & Wind energy): Business plan development
- [Radioisotope production center](#) (Medical Devices): (Team of 12), (1.5 MM€), (3 years)
- Project Management & Business plan development
- [Building and Experimental test](#) with a 60 MeV proton cyclotron:
  - ◆ Patent on "Device and method for the production of radioisotopes", [WO2016037656](#)
  - ◆ Budget & team management, Logistic & Procurement
  - ◆ International collaboration contracts, Technical and financial documentation
  - ◆ FET Open proposals (European Commission H2020)

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ITU – Geneva:

2009 – 2012

*Business Analyst & Consultant – ERP - IS Department (3 years)*

- Membership management system, Improve relationships and increase number of ITC companies
- Business case study, Features description of existing applications for membership
- Change management & User Requirement Specifications (URS)
- CRM system Tender Management, choice of software vendor (SAP, Oracle & Salesforce)
- Implementation of a CRM System (SAP CRM)
- Launch of a worldwide membership satisfaction survey

*Project Coordinator & Technical Officer – ICT (ITU-D) (1 year)*

- [Assessment of e-infrastructures developed by Grid communities](#): Exploration of synergies with ITU in the areas of cyber security, emergency telecommunications, climate change and services such as online education, e-health, e-agriculture & e-commerce
- [Pan-American Telemedicine Network Project](#) in collaboration with HUG and 5 LA countries
- Biomedical applications (Neurosciences): [European Commission FP7 project submitted](#)
- Coordination of a Workshop on e-health in collaboration with WHO

CERN – Geneva:

1989 – 2009

*Project Coordinator - Technology Transfer Section (9 years)*

- Distributed DB of Mammograms for early detection of breast cancer: ([IT Medical Project](#))
- CERN Grid/Computing Technologies in Collaboration with Oxford & Cambridge University hospitals, UDINE Hospital & Sassari and Bristol Universities (Team of 40)
- European Commission FP5 Pan-European program financial support (2 MME)
- Exploitation License
- [Solar Thermal Panel](#) based on the ultra-high vacuum technology: (Team of 15) (4 MME)
- Industrial optimization
- Implementation, supervision and creation of a production plant
- Patent & Licences
- Animal PET Prototype scanner:
- CERN Detector Technologies in collaboration with UNIL and the Jülich research center (4 p)
- Development of HR Applications – [PIE Application](#) - Java - Oracle – Web

*Scientific Associate & Fellow - Department of Physics (11 years)*

- [Energy Amplifier Project](#): (6 years)
- Experimental Physics, Neutron physics, Detector physics, Physics Simulation, Analysis
- Feasibility study of a high energy research center – Tau-Charm Factory Project (2 years)
- Physics Simulation, Analysis
- LAA Project - ICSC WL (3 years)
- Detector Physics Simulation, Experimental High Energy Physics

## **Education**

- PhD Physics, Autonomous University of Madrid – Spain (1999)
- Master in Physics & Diploma, Russian Friendship People's University – Moscow (1982)

## **Hobbies**

- *Chess, windsurfing, swimming.*