



Name: **Laurent ARIZTIA**  
Email: [laurent.ariztia@univ-pau.fr](mailto:laurent.ariztia@univ-pau.fr)  
Supervisors: Laurent Pécastaing  
Partners/Funding: UPPA-Tech  
Status: Engineer

UPPA-Tech is an experimental platform operational since January 1, 2018 and coordinated by Isabelle Le Hécho. UPPA-Tech covers a large spectrum of analyses and characterizations. The aim of the university is to regroup a coherent assemble of materials in several specialized platforms and to unit them under the same banner, highlighting UPPA's experimental strength.

As a member of the PHT (High Voltage Processes) platform, my work is to help the lab members for their experiments. I am also involved in the collaboration with industrials that require our skills to characterize their products. The PHT platform is specialized in High Pulsed Power systems, for many applications such as defense, sterilization, rocks fracturing or even biomedical.

Some examples of generators that I am currently working with:



*500kV 20ns Marx generator*



*Pulsar: 100ps 20kV generator*