



International projects



T2I team

XML-based Climate Approximate Pattern Search and Pattern Discovery in Large Databases project

- **2012-2014**
- As part of the STIC AMSud project.
- **Led by:** Richard Chbeir.
- **Partners:** the University of Sao Paolo and the Peruvian University of Applied Sciences.
- **Funding:** €30,000. Business trips for the project members, and deliverables.

The aim is to develop algorithms, techniques and tools for extracting data from a corpus of geo-climatic data using search engine indexing techniques and data visualization.

Franco-Lebanese project

- **2012-2013**
- As part of the CEDRE project.
- **Led by:** Richard Chbeir.
- **Partners:** Antonine University, Beirut, the Lebanese ministry of culture, the CNRS of Lebanon and Lebanese museums.
- **Funding:** €20,000. Training courses and business trips for the project members, and deliverables.

The aim of the project is to create a cultural multimedia wiki for Lebanese museums.

Franco-Thai project

- **2011-2012**
- **Led by:** Richard Chbeir.



- **Partners:** Kasetsart University and the NECTEC, Bangkok, the ETIS (image and signal processing) laboratory of the University of Cergy-Pontoise, the IT laboratory of the University of Franche-Comté and the IT research lab of Paris-Sud University.
- **Funding:** €60,000.

The project consists in developing a platform for managing digital and multimedia content to better understand and anticipate rice-related diseases.

The project was not implemented at the LIUPPA, but researchers from the project were invited there by the T2I team.

Hubert Curien partnership (PHC) Tassili

- **2009-2012**
- **Managed by:** CongDuc Pham.
- **Partners:** Es Sénia University, Oran, Algeria and Henri Poincaré University, Nancy.
- **Funding:** €7,500.

The project is centered on cooperative control in sensor networks to take into account the criticality of surveillance applications: organization and sequencing of video sensor nodes, management of resource control data and surveillance of the network itself to guarantee the integrity of the surveillance network. Another objective of the project is to develop tools to simulate and evaluate sensor networks and make them available to the international scientific community.