

Christian VIGOUROUX

Associate Professor



Présentation

Program director:

- [Master CGAO, parcours Systèmes d'Information et Contrôle de Gestion](#)
- [Master CGAO, parcours Système d'Information et Contrôle de Gestion](#)

> **Laboratoire de recherche** : CREM UMR CNRS 6211

Recherche et entreprise

Interactions with the social, economic and cultural environment

Consulting, project monitoring, development

I have been engaged in consulting, project monitoring and development for more than 20 years. The great majority of this activity has been carried out within the company UNISOFT Informatique for customers from various sectors (SMEs, regional and local authorities, CAC 40 companies, ...). The main tools used have been :

- Algorithmic (procedural and object approach)
- Software Engineering Workshops (AGL) focused on "Design" (AMC Designor - Merise modeling)
- UML
- Software Engineering Workshops (AGL) focused on "OO development"
- SQL language
- DBMS: Microsoft Access, Microsoft SQL Server, MySQL, PostgreSQL, HyperFile (WinDev), SQLite, MongoDB, ...
- Languages: Visual Basic for Excel and Access, Visual Basic 6.0, VB .Net, WinDev, Delphi, Java, C++, Microsoft C#, Objective-C, Swift, ...
- Web languages: HTML, Javascript, ASP, PHP, Java, Zope, Python, WebDev, ...
- Business Intelligence: SAP Crystal Reports, SAP Business Objects, Pentaho, Talend Open Studio, Pentaho, Microsoft Integration Services, Microsoft Analysis Services, Microsoft Reporting Services, Microsoft Power BI, SAP Lumira, ...
- Embedded Computing: Embedded Visual Basic, VB .Net, SQL Server CE, Access CE, SQL Lite, Android, Objective-C, Ionic, ...

- Implementation of Open Source solutions: PHP Nuke, Ganesha, Claroline, Moodle, SPIP, WANewletter, ...
- IT process management: UiPath, Automation Anywhere, ...

Thèmes de recherche

Information Systems

Activités pédagogiques

Teaching

- Spreadsheet and Database
- Algorithmic
- Programming languages
- Database
- Software Engineering
- Business Intelligence
- Design of automated information systems
- Steering and monitoring of IT projects
- Management of computer networks
- Digital transformation process