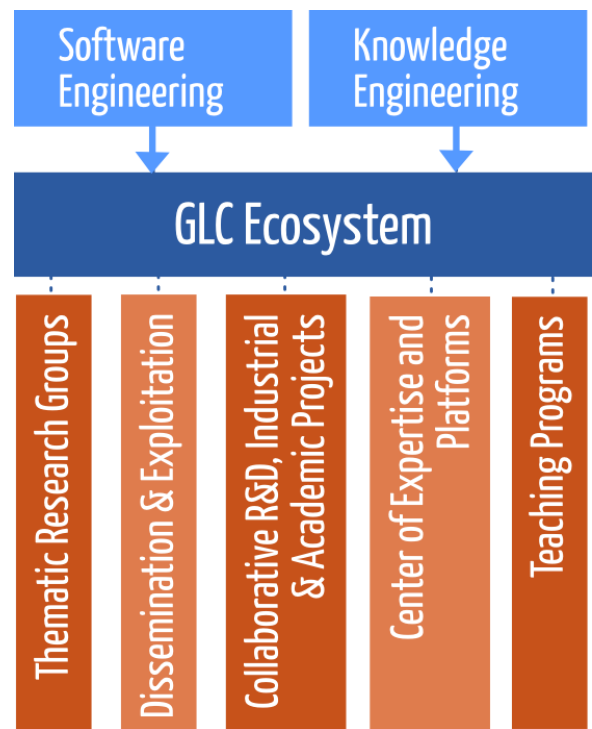


Research teams in Software and Knowledge Engineering

GLC : Pôle «Génie du Logiciel et de la Connaissance »

The pervasiveness of software and huge amounts of available information lead to consider new applications daily. To take advantage of digital intelligence gained in terms of algorithmic, knowledge extraction, data mining, distributed processing, and also to support the ownership of the web content by people, new approaches to software and knowledge engineering are needed.

Interplaying between software engineering and knowledge engineering, the thematic groups in this research pole meet the challenges of *Very Large Scale Development* (VLSD). VLSD problems are addressed by using and developing different methods, techniques and tools, from user interaction modeling to knowledge extraction and reasoning.



GLC DEPARTMENT

80 staff, 30 permanent researchers, 50 non permanent staff (PHD students, postdoctoral staff, engineers),

Part of I3S laboratory, 130 research staff

Joint Research Unit (Nice University, CNRS, INRIA)

Located in Sophia Antipolis, French Riviera



Pôle GLC, I3S
Campus SophiaTech

930 Route des Colles
06903 Sophia-Antipolis
France

RESEARCH STRATEGY

COLLABORATIVE R&D, INDUSTRIAL AND ACADEMIC PROJECTS

~20 externally funded research projects (national research agency, government, EU and international, industry)

CENTER OF EXPERTISE AND PLATFORMS

In-situ, in vitro and in-silico experiments; Prototypes, business solutions

TEACHING PROGRAMS

From Bachelors to PhD (Bachelor, Masters, Engineering school) ; Masters specializations ; Continuing education and thematic schools

More information :
glc.i3s.unice.fr/teaching

DISSEMINATION AND EXPLOITATION

International scientific communications at the highest level (journals, conferences), science popularization, standardization, technology transfer to start-ups and industry majors

THEMATIC RESEARCH GROUPS

MinD

Designing methods and algorithms for extracting information and learning models from large databases of heterogeneous data. Integrating expert knowledge and domain information in the data mining process to improve the relevance of extracted descriptive and predictive models.

<http://mind.i3s.unice.fr> @ precioso@unice.fr



MODALIS

Modeling and exploitation of large-scale distributed computing infrastructures. Design of flexible service architectures taking into account user needs. Performances optimization in complex and evolving distributed systems.

<http://modalis.i3s.unice.fr> @ montagnat@unice.fr



RAINBOW

Composing and adapting models for interactive and ambient systems. Preserving adaptation consistency at design-time and run-time. Designing context-aware adaptation middleware. Formalizing Interactive System architecture.

<http://rainbow.i3s.unice.fr> @ riveill@unice.fr



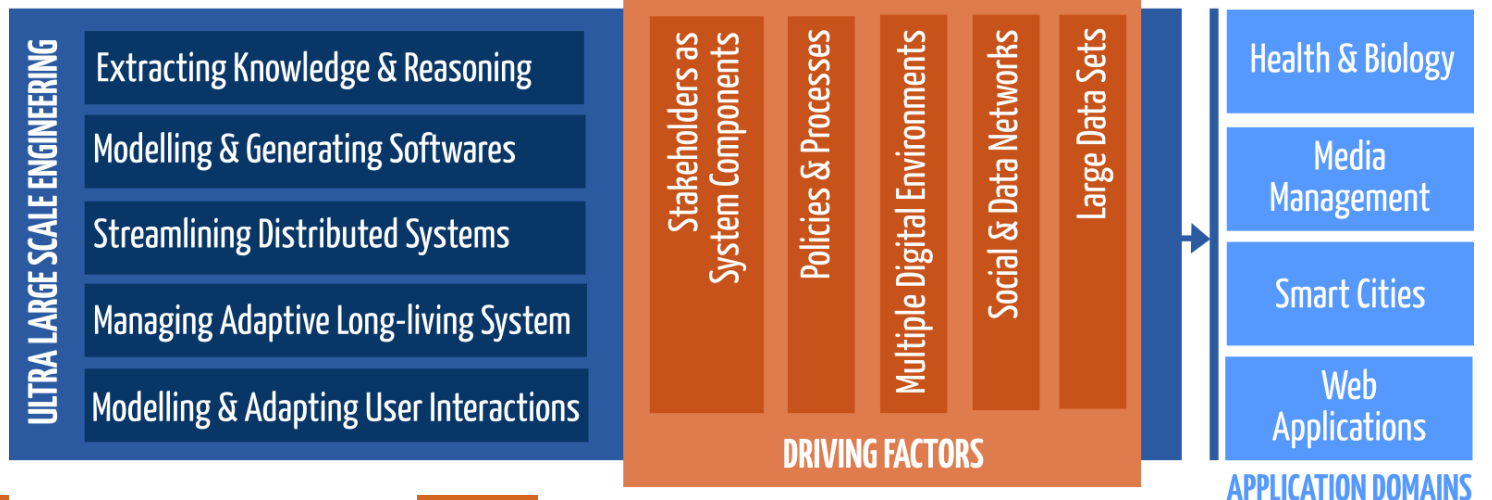
WIMMICS

Multidisciplinary analysis and modeling of social semantic web systems, communities of users and their interactions. Formalization and reasoning on these models to propose new analysis tools and indicators, and to support new functionalities and better management.

<http://wimmics.inria.fr> @ fabien.gandon@inria.fr



RESEARCH AREAS



<http://glc.i3s.unice.fr>



blay@unice.fr



GLC COORDINATOR

Mireille Blay-Fornarino

