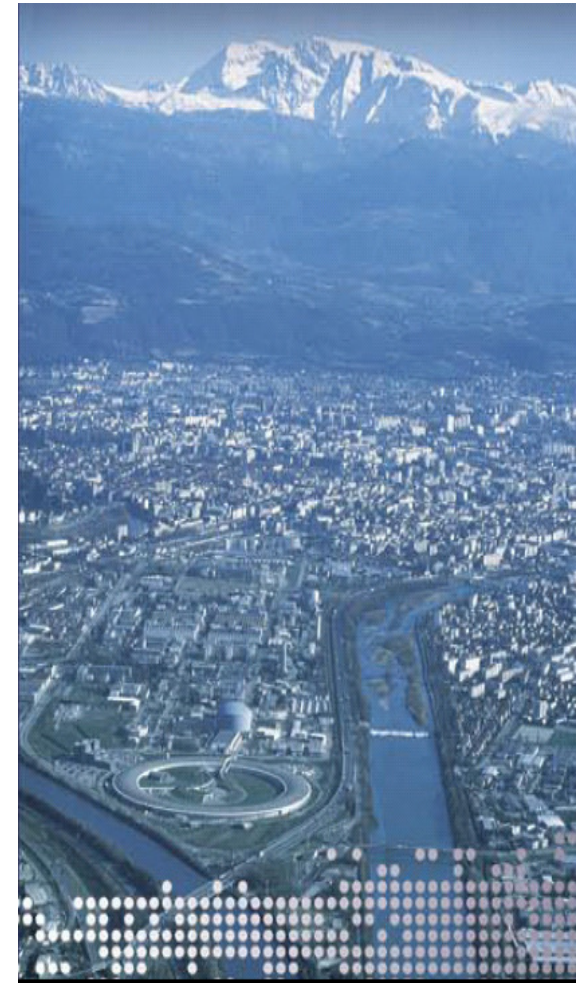
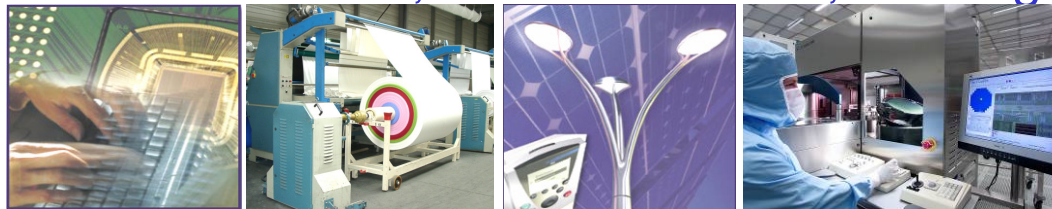


CimAlpes Shared Design Platform

(Plateforme de Conception Mutualisée)

Laurent Fesquet, CIME Nanotech, Deputy Director
Laurent Julliard, EmSoC Director, Minalogic



The Survey

- Survey sent to 52 Minalogic members
- Topics of the survey
 - What software and hardware design tools are you currently using?
 - What software would you like to have access to?
 - What are your training needs?

The SDP workgroup

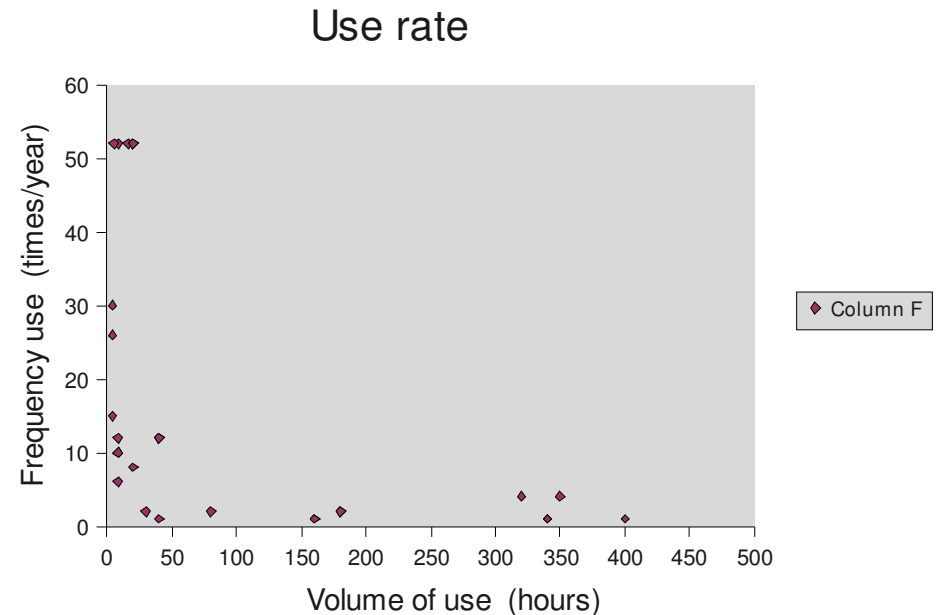
Bernard Courtois, CMP
Bernard Giai-Miniet, CEA Leti
Laurent Fesquet, INPG/CIME
Laurent Julliard, Minalogic
Florence Maraninchi, Verimag
Firas Mohamed, Infiniscale
Marc Renaudin, Tiempo
Jean-Marc Talbot, VaST System
Dominique Thomas, STMicroelectronics
Kholdoun Torki, CMP
Brieuc Turluche, CWS
Michel Wolny, CEA Leti
Louis Zangara, Dolphin Integration



Results: what Minalogic members want

- **93%** of the respondents would like to **get access to a variety of design tools for a short period of time**
- Needs of 75% of the respondents
 - Use specific tools for industrial applications for less than 500 hours/year
 - Cannot afford to pay a regular license fee for such a low use rate although the tool is often critical in their work process

Note: altogether all requests represent a volume of 15,000 hours of use per year



SDP Partners & Objectives

- CimAlpes founding and operating partners (see presentation at the end)
 - **Cime Nanotech** (an academic center for microelectronics)
 - **Minalogic cluster** (a leading Pôle de Compétitivité in France)
 - Both CIME Nanotech and Minalogic are non-profit organizations
- CimAlpes wants to provide its members with all the CAD tools they need to improve their efficiency and competitiveness at affordable conditions
 - For industrial purposes only (the CIME already covers education and research)
 - Billing on a “Pay per use” basis + membership fees
 - **Maximum of 500 hours of use per year per framework per member**
 - Primary target: startups and SMEs



Roles and responsibilities

- **Hardware equipments**

- Management of the computing and storage resources
- CIME servers + workstations


- **Software tools**

- Licence management, time slot allocation and accounting, software updates
- CIME personel + additional personel from CimAlpes

- **Training**

- CAD tools training
- Teachers from the CAD vendors (cost of the training to be defined by the vendor, can be free)

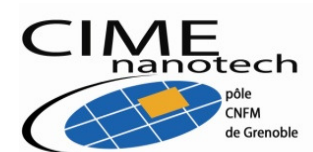
- **CAD support**

- On going assistance (scripting, design kit installation, ...)
- CIME + CimAlpes +  or contracted with the CAD vendor directly if it's too specific



Hardware equipment

- **Specific equipment for our industry users**
 - 2 enterprise servers : HP Proliant BL280C G6, 192Gb RAM or 5 workstations : HP Z6000 or equivalent
 - 1 backup system : HP Ultrium
 - 1 Color Laser
- +
- 60 existing work stations and 5 servers from the CIME Nanotech
- Prototyping facilities
- IMS Tester



Benefits

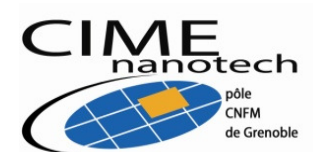
- For tool vendors and hardware manufacturers
 - Address the needs of customers that are out of reach with the conventional licensing mechanisms
 - Rely on the CimAlpes platform to manage all the administration overhead and processes
 - Help startups and SMEs to become your future large customers by providing them with flexible access to tools they need when they need it
 - **High visibility of your contribution through one of the leading world-wide competitive cluster**
- For CimAlpes members
 - Time limited but very flexible access to a reach set of tools at economically viable conditions
 - Make the Grenoble area even more attractive for your customers and partners
 - Help the cross-fertilization projects between academics and industrials
 - Ease access and contact to the specialized students in micro- and nanoelectronics



Synergies with other platforms

- CMP (Grenoble)
 - Broker for ICs and MEMS prototyping and low volume production.

- In other regions
 - CIM PACA (PACA region – South of France)
 - Shared Design Platform for education and research purposes
 - Usable for industrial and commercial projects but only for startups and SME first project.



Our partners and tools



Cofluent studio for TBM, TBM+UML Plugin, Cofluent studio for SA



HiDTF-SIGNOFF, HiDTF STAR



Aceplorer package, Aceplorer Thermal Option



SLED, SLED SDG, SMASH AMS



TechModeler, TechAnalyzer, TechSizer



Tessent LogicBIST Ap SW, Questa AFV Ap SW, ModelSim SE/LNL Ap SW



R3 Integrator



Liste pas diffusée



Utiliser CimAlpes

La prise de contact avec CimAlpes

via l'adresse : cimalpes@minalogic.com

-La demande d'informations préalables

→ 1er contact → géré par Minalogic et le CIME

→ demande d'informations de la part des utilisateurs → gérée par Minalogic
→ demande d'informations de la part des éditeurs → gérée par le CIME

- Le formulaire de souscription (adhésion)

→ géré par Minalogic

- Le formulaire de demande d'utilisation des outils

→ géré par le Cime Nanotech.

- Le planning des formations

→ géré par le Cime Nanotech.



**Thanks for your
attention !**

cimalpes@minalogic.com

