

# Journées Informatiques IN2P3-IRFU Synergies autour des acquisitions de données SPIRAL2/ALTO

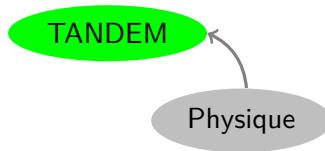
Xavier Grave

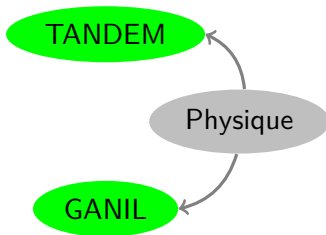
Institut de Physique Nucléaire d'Orsay  
CNRS

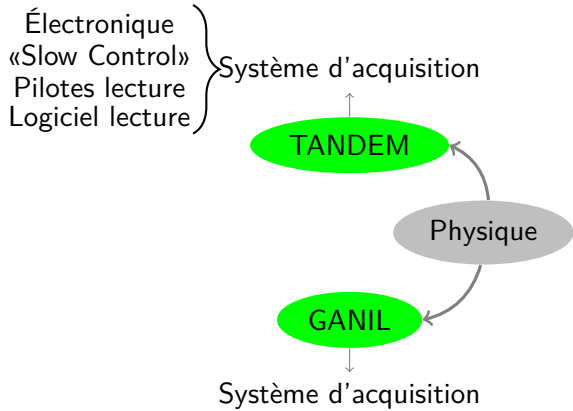
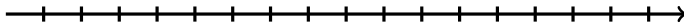
23 Octobre 2012



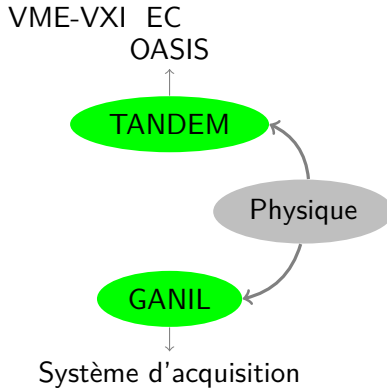
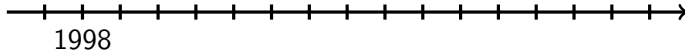
Physique

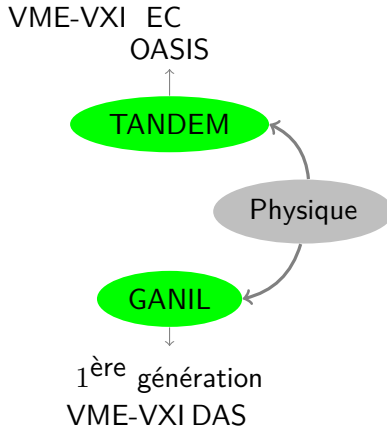
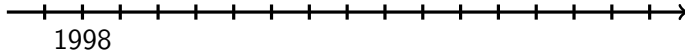




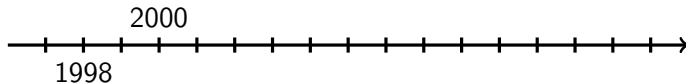


- Application monobloc
- ANSI C



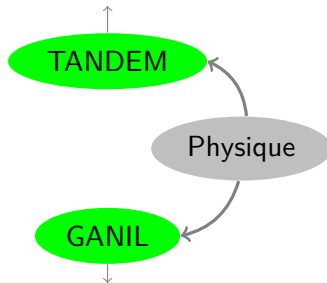


- Modulaire
- Distribué
- Ada 2012



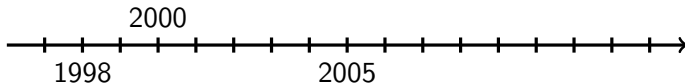
VME-VXI EC cPCI Eth USB

**NARVAL**



1<sup>ère</sup> génération  
VME-VXI DAS





VME-VXI EC cPCI Eth USB

**NARVAL**

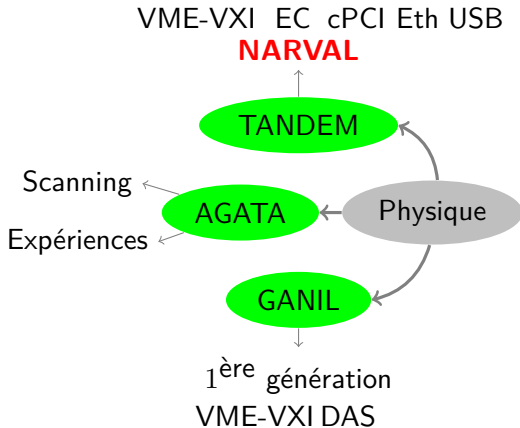
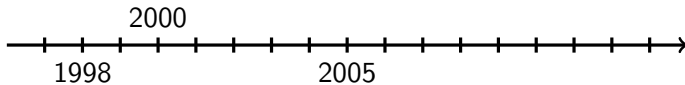
TANDEM

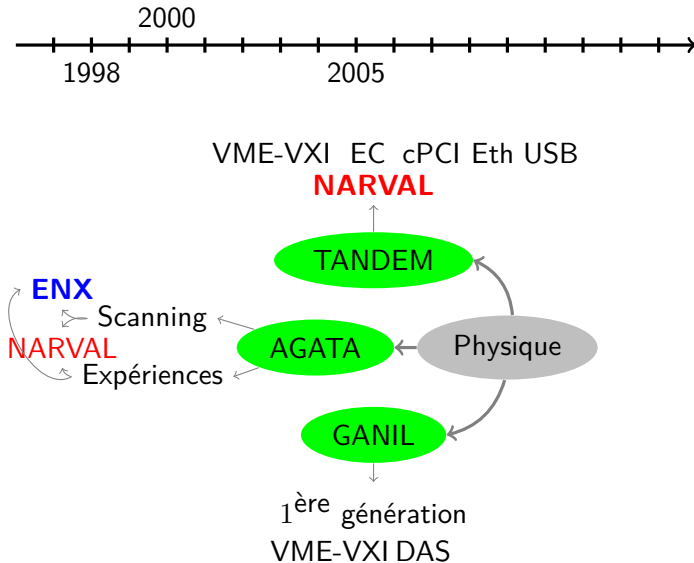
AGATA

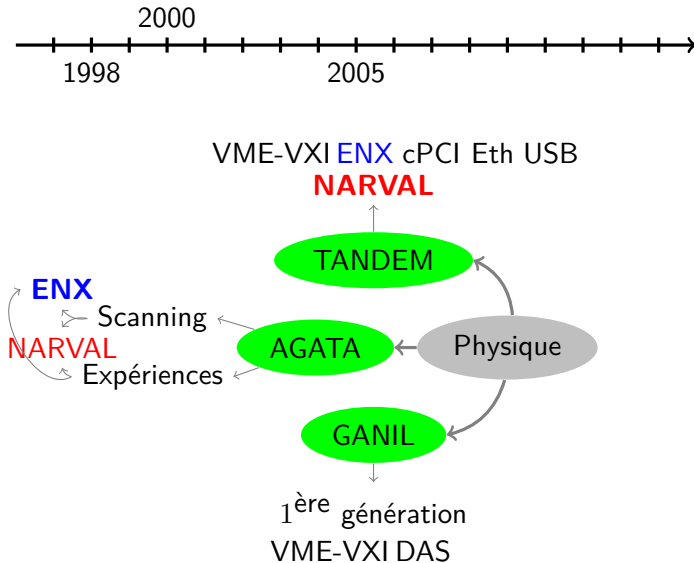
Physique

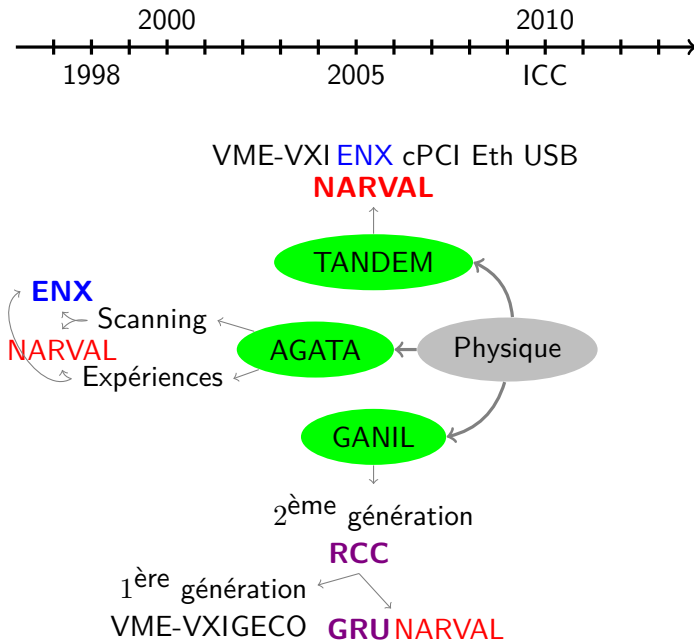
GANIL

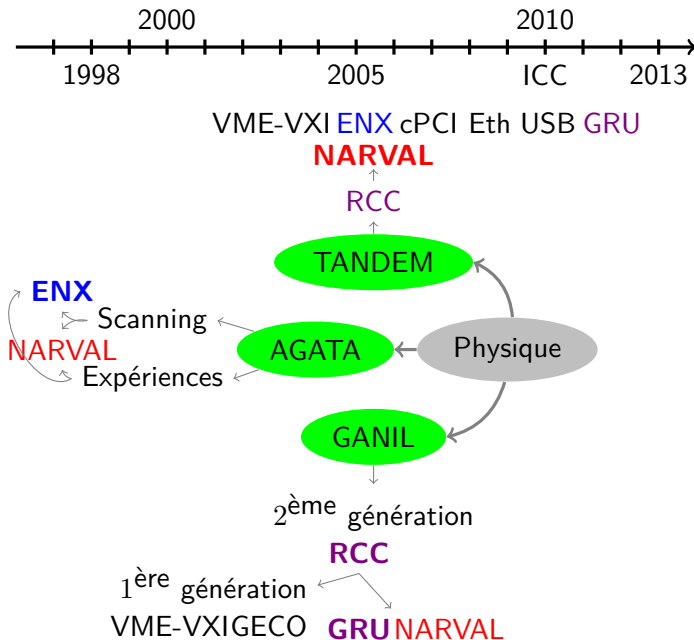
1<sup>ère</sup> génération  
VME-VXI DAS











- ▶ Synergie entre trois laboratoires :

Xavier Grave

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  - ▶ CSNSM



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  - ▶ GANIL
  - ▶ IPN Orsay

# Récapitulatif

- ▶ Synergie entre trois laboratoires :
  - ▶ CSNSM
  - ▶ GANIL
  - ▶ IPN Orsay
- ▶ Groupe Acquisition de données

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  - ▶ Mise en commun maintenance compilateur GNAT Pro
- ▶ Outils disponibles :
  - ▶ ENX (Serveur de registres)
  - ▶ GRU (GANIL Root Utilities)
  - ▶ NARVAL (gestionnaire de flot de données)
  - ▶ RCC (Run Control Core), IHM associée
  - ▶ Acquisition GANIL 1<sup>ère</sup> génération (bibliothèque de cartes électroniques)