



# ALBA Synchrotron Light Source

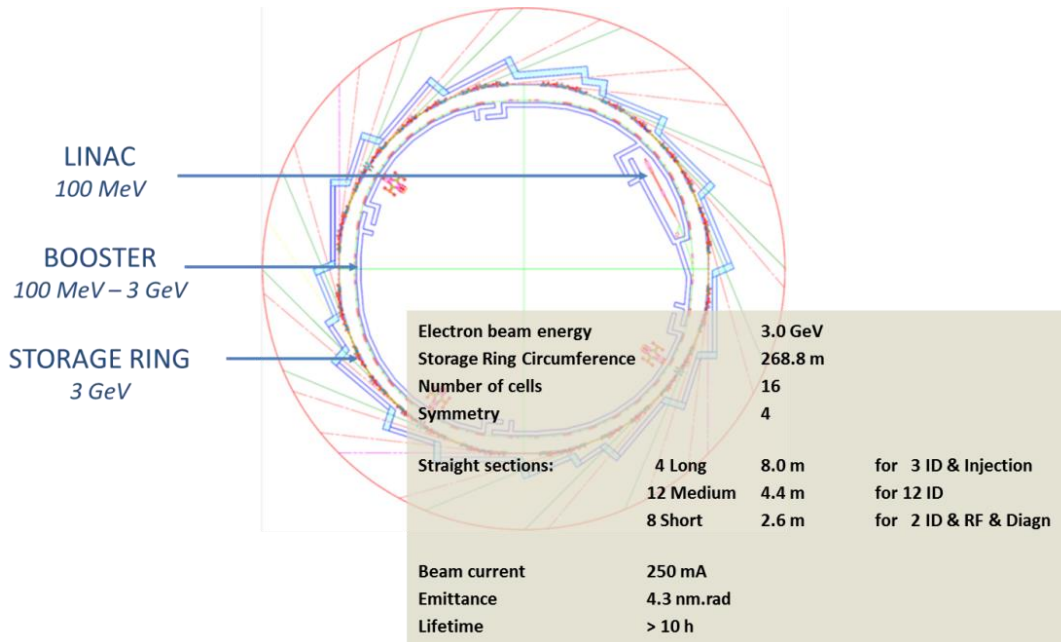
Francis Perez



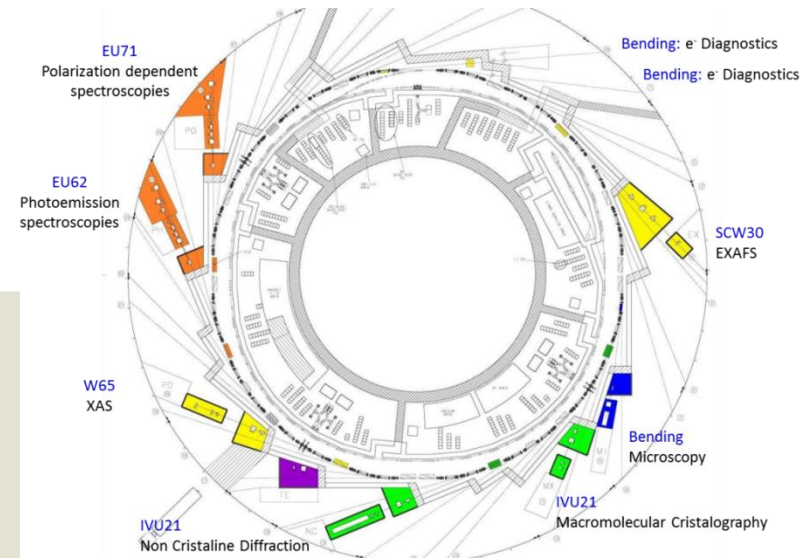
# ALBA Synchrotron Light Source

- ✓ 3 GeV electron accelerator
- ✓ 8 running beam lines + 4 in construction
- ✓ Funding is 50% Spanish – 50% Catalan Governments
- ✓ First beam for users May 2012

## Accelerators



## Beamlines



## ALBA Expertise:

- Accelerator beam dynamics
- Accelerators operation
- RF systems and test laboratory
- Magnetic structures design and measurements laboratory
- Ultra High Vacuum systems design and test laboratory
- Beam diagnostics and test laboratory
- Real time control systems and data acquisition
- High power and high stability power supplies
- High precision mechanics
- High speed electronics, synchronisation and timing systems
- Survey, alignment and vibrational measurements
- ...



**The ALBA Team**  
**We are today ~200**

## Contributions to XLS – WP1&7

- Support in General Coordination (i.e. organization of meetings at ALBA)
- Coordination user's demands for the Spanish users
- ...