



47 employees – Turnover 12 M€ in 2015

French company founded 1989 specialized in charged particles technology.

Located in south east of France close to Aix-en-Provence

About **30%** of Focused Ion Beam columns installed on dual beam systems, are built in our company.

More than **1000** systems installed World Wide

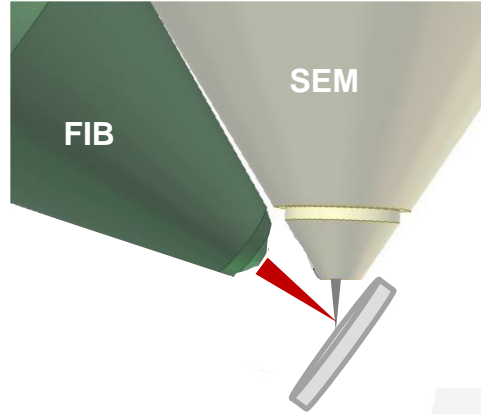
- 180 m² clean room for FIB/SEM columns assembly
- Production capacity : 180 to 200 systems per year

Key dates:

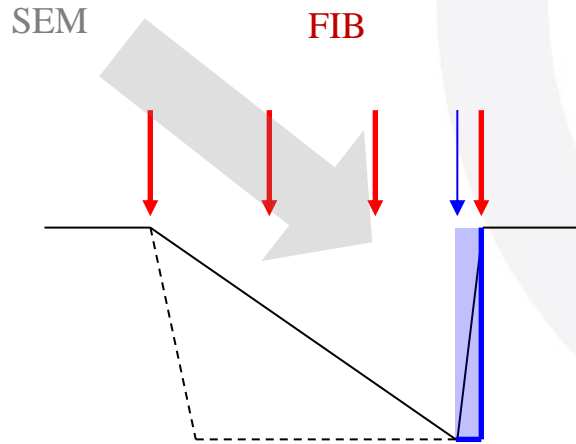
1989 Orsay Physics established

1997 Orsay Physics moves to Fuveau

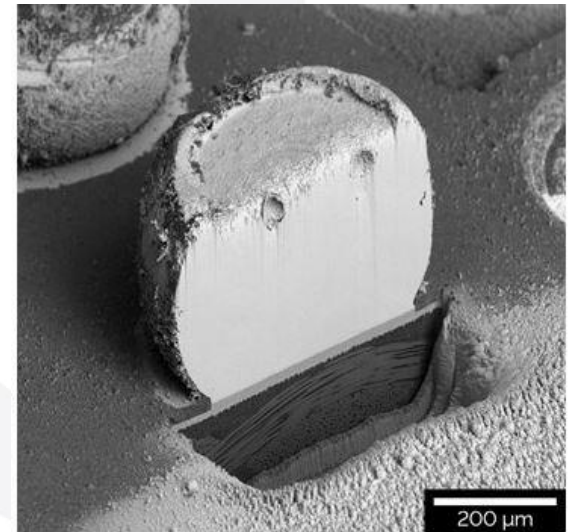
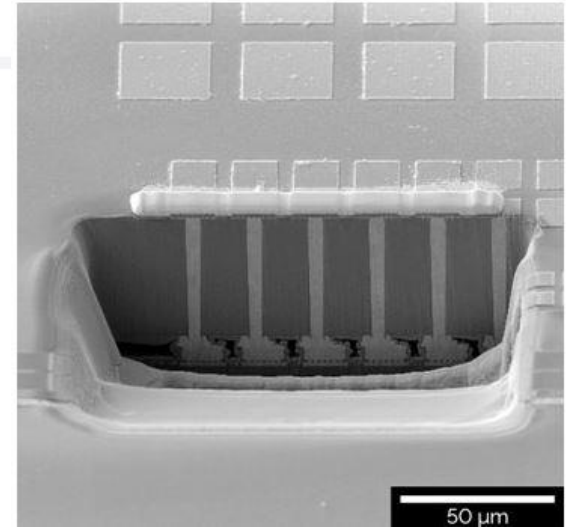
2014 Merger of TESCAN and ORSAY PHYSICS =>
TESCAN ORSAY HOLDING, a.s.



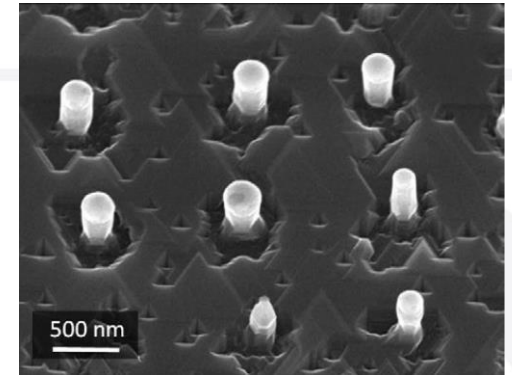
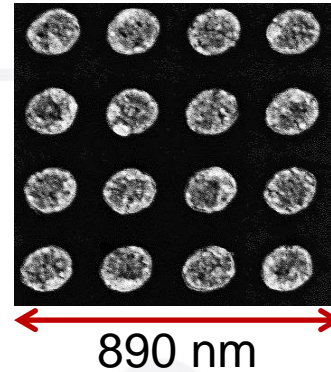
cross-sections



Polishing area

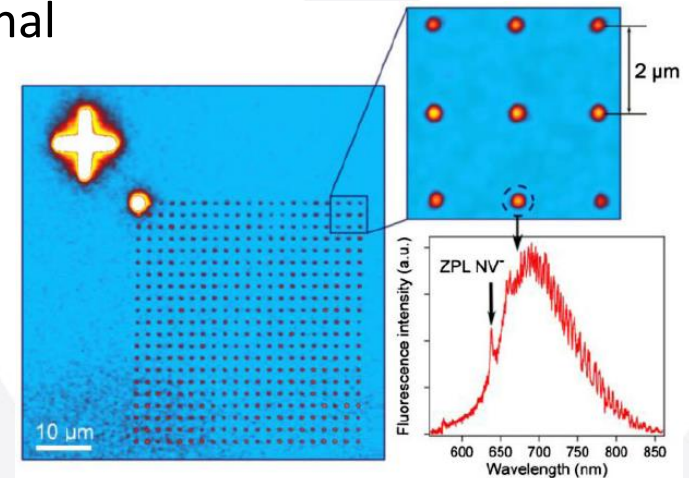


Topics to be addressed



Courtesy of I. Berbezier

- Detectors instrumentation :
very small object imaging and very low signal
- Ultimate analytical analysis
- Ions implantation
- FIB and/or ions source development



Courtesy of J.-F. Roch

An opportunity for the student to become familiar with ion source, Focused ion beam (FIB), scanning electron microscope (SEM), Gas injection system...