Non-destructive testing of turbine blade integrity by X-Ray diffraction

Post-master (MS) student : **Alexiane Arnaud** (2015–2016/09/15) Supervisors : H. Proudhon ; C. Remacha, E. Romero (Safran Tech) Industrial partner : Safran Tech





- Orientation and quality of single crystal turbine blades
- Detection of recrystallization, freckels and crystalline defects induced by the foundry process
- Application of the Laue transmission method





