Two exceptional Lab sessions to complement the Lecture of BRADAR on SAR

2.1 Theoretical part (3 hours): Airborne and Ground Based Radars: Technology and Applications
- introduction to radar technology;
- airborne radars for cartography, air-ground and air-air surveillance;
- ground based radars for air and ground surveillance.

2.2) practical part (3 hours): Radar Raw Data Processing using IDL/Matlab
- introduction to radar processing;
- range compression;
- azimuth compression;
- interferometric phase and altimetry.