INTECOCIS - an ERC advanced grant at IMF Toulouse
INTECOCIS is an ERC advanced grant (see [erc.europa.eu/advanced-grants](https://erc.europa.eu/advanced-grants) for information on ERC advanced grants) dedicated to the study of combustion instabilities using massively parallel computing on the largest world systems. It is a joint project coordinated by CNRS (DR14 Midi Pyrénées) and lead by two research centers, Institut de Mécanique des Fluides de Toulouse (which is the project leader and is specialized in experiments, theory and instabilities) and CERFACS (expert in numerical simulation). INTECOCIS started in February 2013 and will run for five years. It will allow to hire more than ten PhD students and postdoctoral and senior researchers. The massively parallel simulations required for INTECOCIS will be performed on the GENCI machines as well as on PRACE systems. The Principal Investigator of INTECOCIS is Dr Thierry Poinsot, CNRS research director. Dr Laurent Selle (IMFT) and Dr Laurent Gicquel (CERFACS) are the scientific co-investigators.