

**Pauline TRANCHARD** got her Master's degree in 2011 in Thermal and Energy Sciences at the Engineering school "Ecole Polytechnique de l'Université de Nantes". She joined the Airbus Company in Toulouse (France) in 2011 as thermal research engineer to work on the modelling of composite in fire. At the beginning of 2012, she started PhD thesis in the group 'reaction and resistance to fire' of the university of Lille in collaboration with Airbus. Her research interest is the prediction of the behaviour of composite material submitted to fire.