



**Dr. Marta Dias** graduated in 2003 in Chemical Engineering in Faculdade de Ciências e Tecnologia. In 2011 she completed the PhD with the thesis: "'B-Fe-U ternary phase diagram and ternary compounds characterization'" in Materials Engineering field at Instituto Superior Técnico. After obtaining the PhD degree in 2011, Marta Dias (MD) was awarded an FCT Post-Doc position and later she won a contract at Instituto de Plasma e Fusão Nuclear (IPFN) at Instituto Superior Técnico (IST), where she started to work in the field of advanced materials for extreme conditions. The areas of scientific interest are focused on (i) development and production of novel materials composites, (ii) their mechanical, structural, and thermal characterization together with (iii) their interaction with radiation and plasmas using nuclear techniques of characterization.