Mechanical engineer, materials engineer or physicist to work in the field of damage mechanics and failure assessment in ultra-high strength steels. This offer is intended for young graduates interested in completing a doctoral thesis.

The selected person will join a team that collaborates with the Belgian company Bekaert, world leader in high-strength drawn wires. The project aim is to develop and validate a computational tool to model damage accumulation and failure probability during the drawing processes of ultra-high resistance steels. Stays in plants associated with Bekaert for the training of the candidate are also foreseen.

Candidates should ideally have background in mechanical or materials engineering, or physics (or a closely related discipline) • Candidate must hold an official Master’s degree in one of the above disciplines. • End of career: after 2014 (excluding the end of degree project) • Languages: Good level of English is required • MATLAB and finite element software expertise will be valued. • Knowledge in metallurgy will be valued.

1-year contract, extendable for another 2 years.