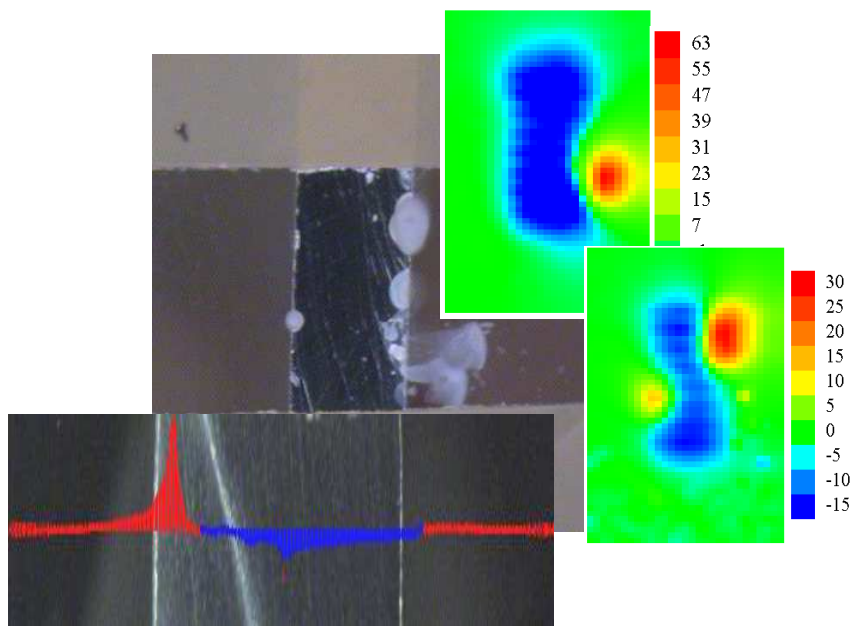




RSCS Project



## PhD Grant

### Corrosion at Cut-Edges in Galvanized Steel with emphasis on advanced Spatially Resolved Electrochemical Techniques

We look for a researcher to work in a RFCS (Research Fund for Coal and Steel, CE). The project is dedicated to the study of the kinetics of self-repair of defects in automotive parts.

Candidates should have a degree in have a degree in Chemical Engineering, Materials Engineering, Chemistry, Physics or equivalent, and some knowledge of electrochemistry.

Enphasis will be put on electrochemical techniques with spatial resolution, namely Scanning Electrochemical Microscopy (SECM), scanning vibrating probe (SVP) and Localized Electrochemical Microscopy (LEIS), applied to surface characterization and corrosion science.

Starting date: September 2008.

Potential candidates should send an email with the CV to:

Dr. Alda Simões  
alda.simoaes@ist.utl.pt

Instituto Superior Técnico, Lisboa, Portugal  
([www.ist.utl.pt](http://www.ist.utl.pt))