



Confidentiality level 1 – free distribution

# My work at OCAS

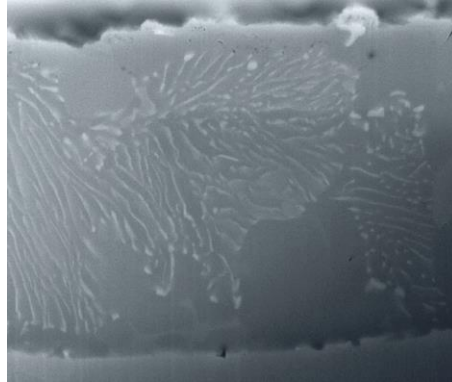
Filip Geenen



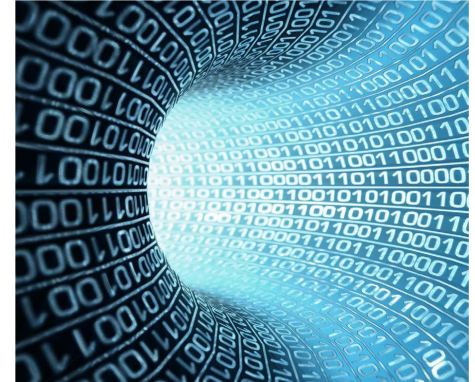
# The life as a physicist at OCAS



**Customer support for anti-corrosion coatings**



**Developing Micro-adherent scale**



**Member of the digitalisation squad**

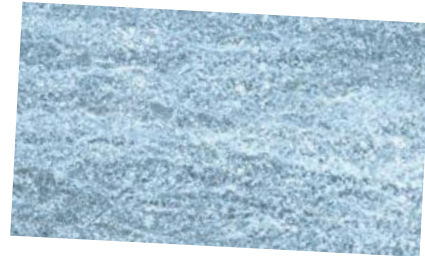
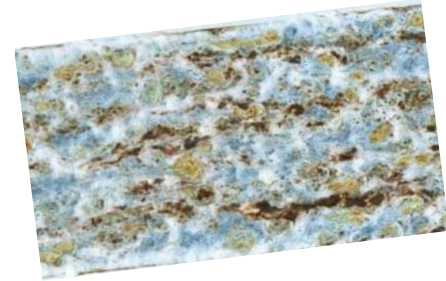


# 1 Supporting Arcelor's customers of anti-corrosion coating Magnelis®



12 weeks in a salt environment

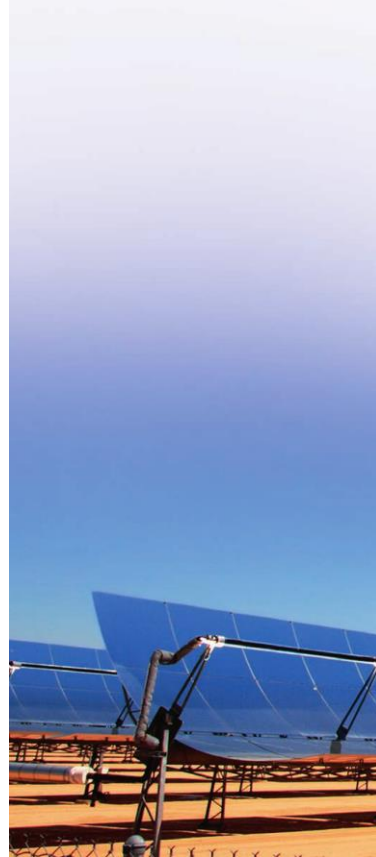
85 µm post-galvanised steel



20 µm Magnelis®-coated steel



# 1 Supporting Arcelor's customers of anti-corrosion coating Magnelis®



# 2 Controlling the oxidation of hot-rolled steel





# 2 Developing steel without powdery oxides

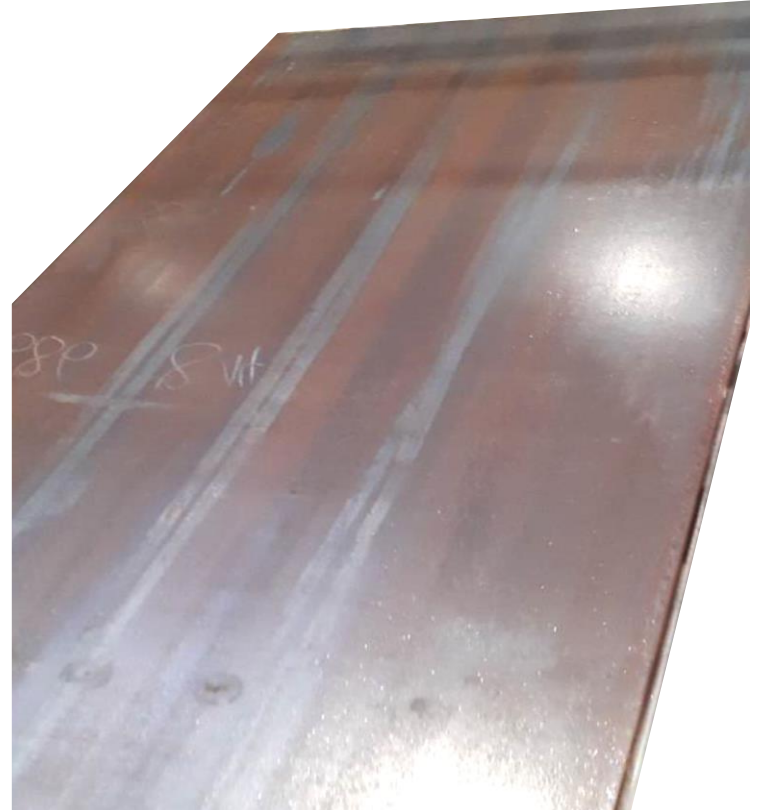
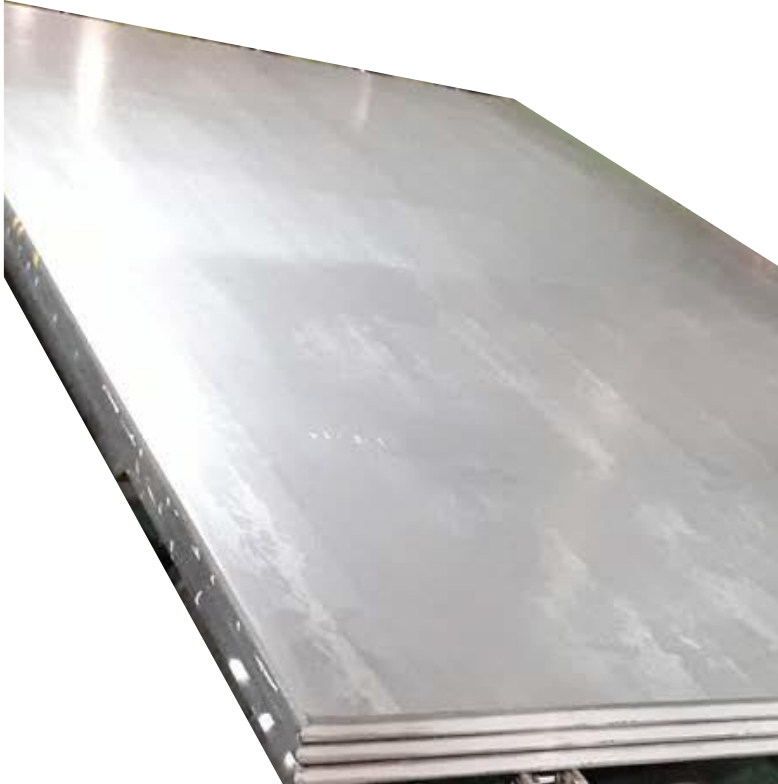
*in factories all over the world, with a huge variety of steel compositions & thicknesses*



# 2 What you want vs what you get when dealing with steel oxidation



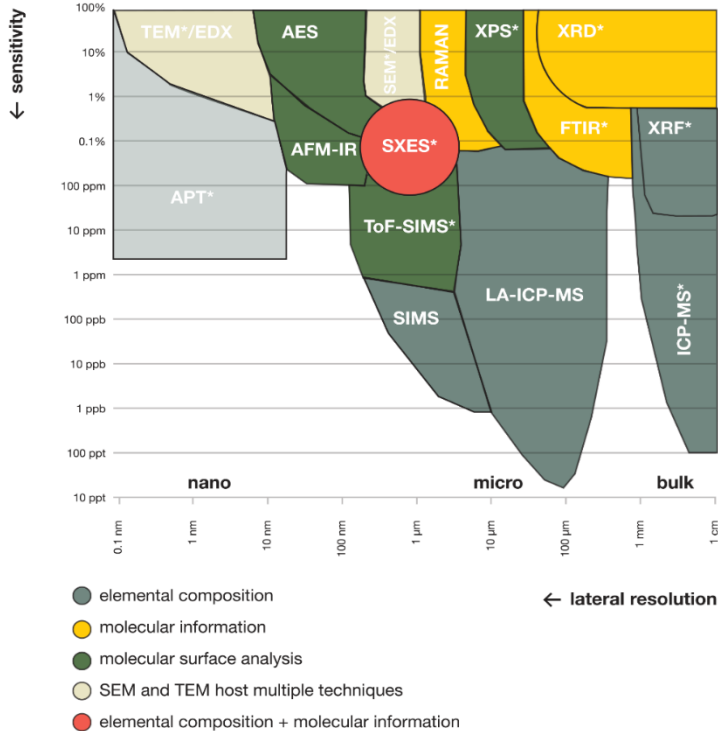
# 2 What you want vs what you get when dealing with steel oxidation



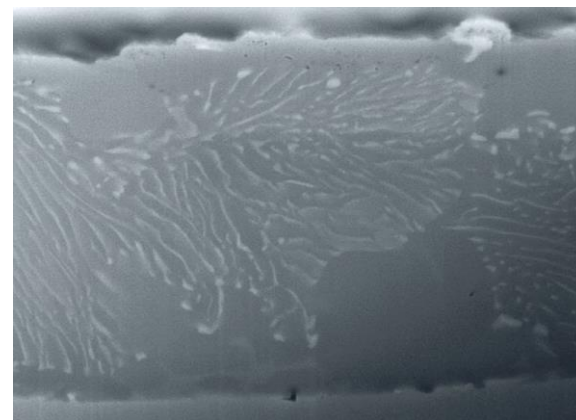
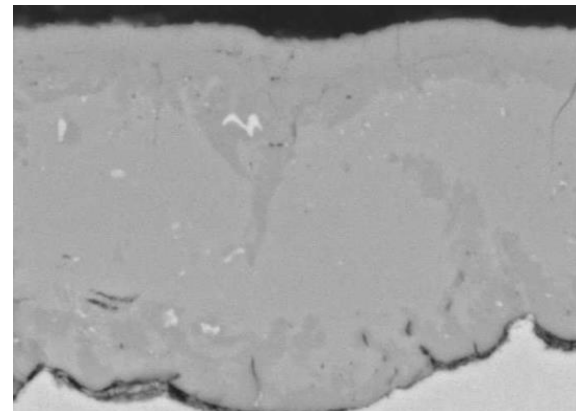
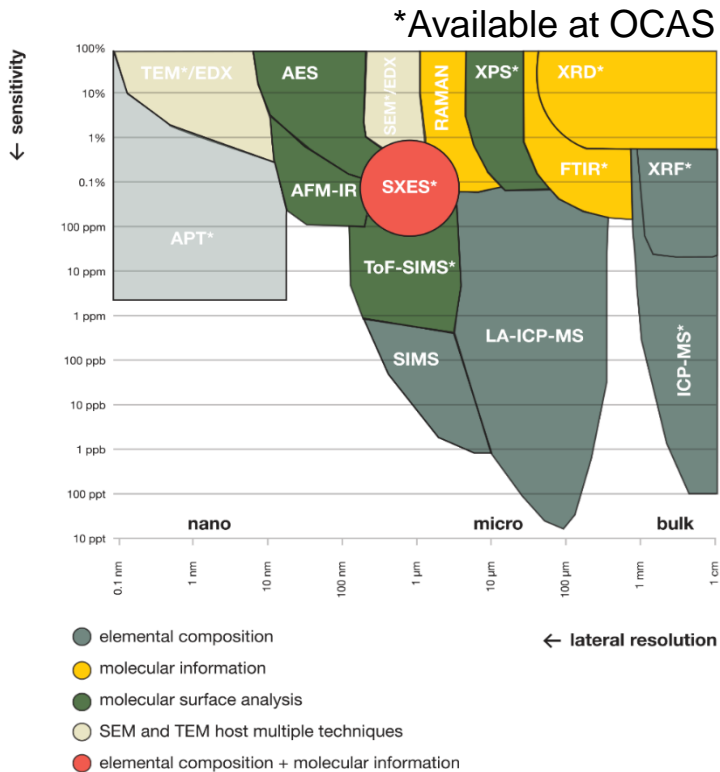


# 2 Improving bulk properties means inspecting the nano-world

\* Available at OCAS



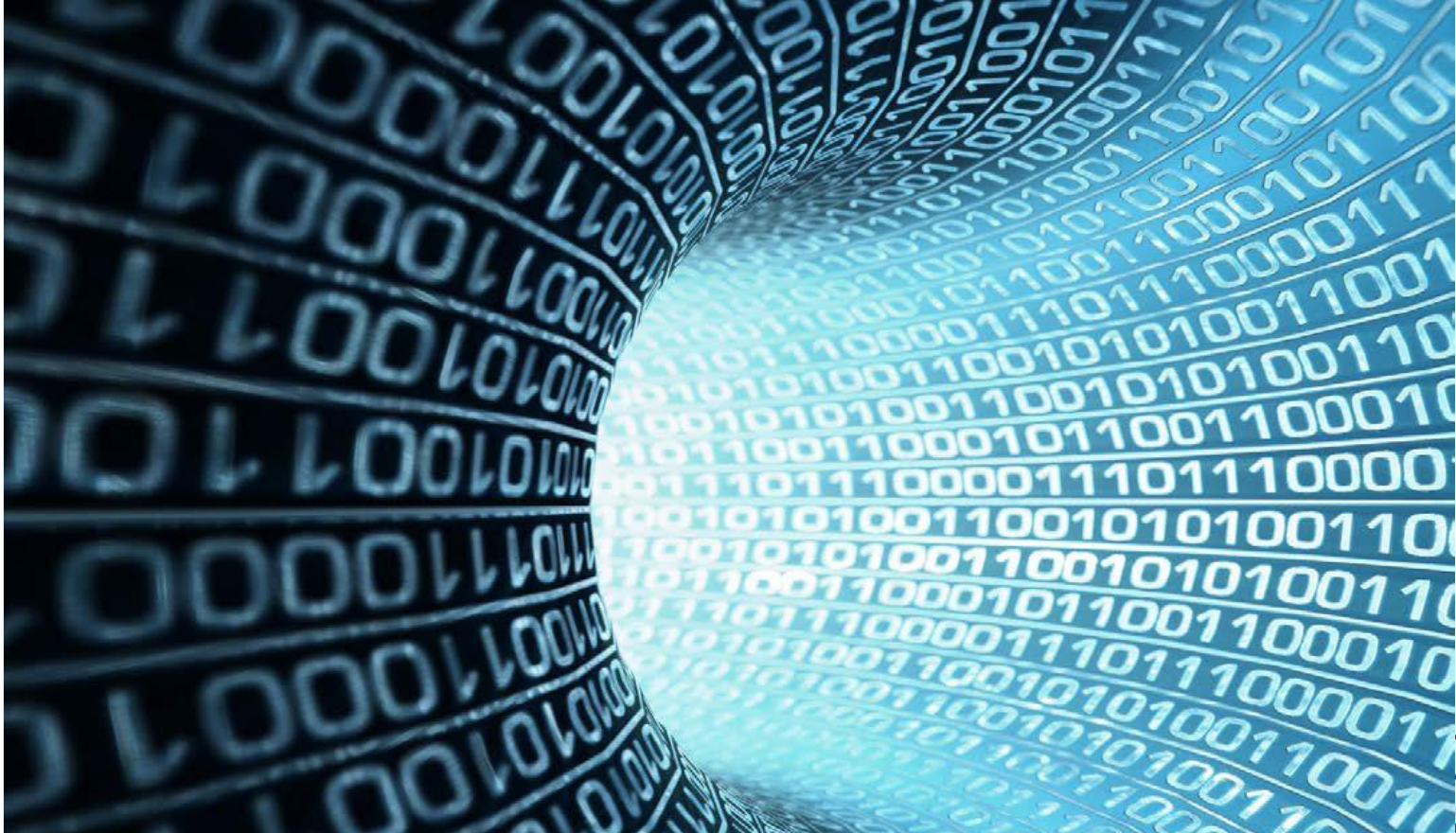
# 2 Improving bulk properties means inspecting the nano-world





# 3

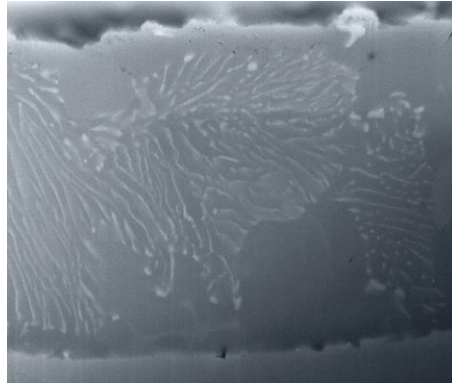
## R&D in a digital age: sitting on top of over 20 years of digital data



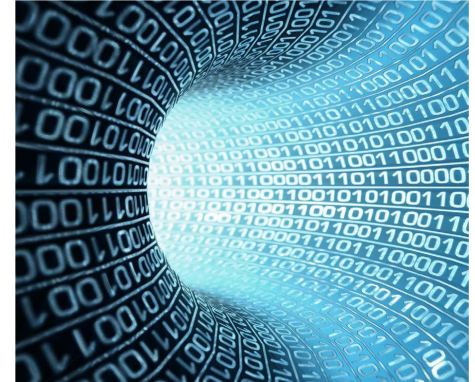
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## Questions? Interested in internships?

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www.ocas.be

