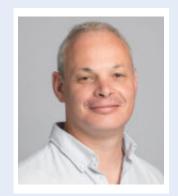


Lionel Fournier

PhD in Materials Science - MSc in Corrosion



Education

PhD in Materials Science Mines of St Etienne / Institut National Polytechnique de Grenoble

MSc in Corrosion University of Manchester Institute of Science and Technology (UK)

Master in Chemistry University of Clermont-Ferrand

Profile

Professional background

52 years old Seniority: 5 years English

AREVA NP – Paris Reactor and Services / Engineering Division Materials Expert Manager of the Chemistry / Corrosion / Radioprotection group

Metallurgy

Corrosion

Industrial Process

CEA – Saclay Research Engineer Pellet-Cladding Interactions / Stress Corrosion Cracking

Nuclear industry

Research Fellow – University of Michigan (USA)

Irradiation assisted stress corrosion cracking / Austenitic stainless steels / PWR and BWR



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Key areas of expertise

Metallurgy

- Austenitic stainless steels
- Nickel base alloys
- Superalloys
- Zirconium
- Maraging Steel
- Irradiation effects
- Hydrogen Embrittlement

Corrosion

- General Corrosion
- Stress corrosion cracking
- Pitting
- Microbial Induced Corrosion (MIC)
- Fatigue-Corrosion
- Tribocorrosion
- Oil and Gas
- Nuclear : PWR and BWR
- Sea water

Industrial Process

- Nuclear
- Oil and Gas
- Metallurgy / Alloys / Fabrication
- Chemistry
- Surface treatments