

JOB DESCRIPTION

Global R&D - Engineers & Technicians



Position Title / Intitulé de la fonction
Job Level
Contract Type
Profile
Function
Hiring Manager / Nom du demandeur
Report to
HR Contact

Researcher in Optimization Problems
Exempt
Permanent Contract
Experienced Professional
Research & Development
Tatiana Manso Nuño
Mónica Arias Vázquez
Alice Marguerite

Work Location - Business Unit
Work Location - Lab/Portfolio/Transversal team
Work Location - Service
Work Location - Country
Work Location - Site

Global R&D
Asturias GRID
Business& Technoeconomics
Spain
Aviles/Madrid

Travel Required

Regular (30% approx)

JOB DETAILS	
Group Presentation	ArcelorMittal is the world's largest steel producer. We use the most innovative technology to create the steels tomorrow's world will be made of. Every day over 190,000 of our talented people, located in over 60 countries, push the boundaries of digitalization and use advanced technology to create a world that is stronger, faster and smarter. To help make this possible, they know they can depend on the support and training that a company of our scope and scale can provide.
Lab / Portfolio / Transversal team Presentation	Our team is known as KiN (Knowledge Innovation) and is part of the GRID Lab located in Avilés. We are the only team in Global R&D devoted to Business & Technoeconomics, providing a worldwide service in ArcelorMittal Group. KiN is a multidisciplinary team covering a wide variety of scientific and business areas with our high qualified researchers (engineers, mathematicians, economist...), all of them with deep expertise in combining Science and Business Know how. Their enthusiasm and commitment create an incredible working atmosphere for those that want to enjoy the experience of researching and applying breakthrough ideas in a real industrial world.
Who we are looking for / General objective / Mission générale	Global R&D Asturias Center is looking for an experienced researcher in Optimization & Operations Research with a background in Mathematics, Statistics, Physics, Computer Science or equivalent to develop advanced Artificial Intelligence-based models for strategical, tactical and operational decisions. Working with us you will combine your modelling skills, business thinking, and mathematical, optimization and simulation methods to build complex algorithms for a wide scope of problems in areas covering supply chain, commercial, purchasing, strategy, finance, operations, and any other area where our models can contribute and facilitate decision making as part of the evolution towards a complete digitalization. The position can be based in our office in Madrid.
Call for action	Join us and you'll see your work help create renewable energy, impact major industries and boost economies. At ArcelorMittal we'll help you make your world.

WHAT WE WILL NEED				
Education / Qualification / Formation de base	Master			
Professional background / Type d'expérience professionnelle	<ol style="list-style-type: none"> 1. Optimization / Operations Research. 2. Design and Development of techno-economic models for Combinatorial / Continuous Optimization. 			
Minimum Requirements / Aptitudes	<ol style="list-style-type: none"> 1. Knowledge and experience in the design and development of advanced mathematical models applying Evolutionary Computation, Metaheuristics & Operations research techniques 2. Modelling and programming languages (AMPL, Python) 3. Initiative, adaptability, analytical competencies, results oriented, team work, project management skills (appreciated) 			
Language / Langues étrangères	English	Advanced	Spanish	Advanced

WHAT WE WILL OFFER	
Job potential evolution / Evolution possible de l'emploi	Integration in a highly qualified group of researches with the possibility of pursuing a career in the scientific area in the R&D organization of the world's largest steel producer.
Benefits	An attractif remuneration package and career perspectives within ArcelorMittal Group