

Arnaud Joël KINFACK LEOGA

PhD student in chemistry and physical-chemistry of materials

Professional Experience

Objective: My aim is to integrate a team, to learn, to improve and support the team development

Skills: Team spirit, versatile, curious, autonomous, rigorous, organized, very involved in my work, good relationship

Personal address:

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Professional address:

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Marital status: single

French driving licence: B
category

October 2015 - September 2018 (3 years): PhD student at Institut Européen des Membranes
My thesis project is « Development of plasma multilayered electrodes/membrane assemblies for H₂ production/separation from solar light » (Montpellier, France)

- **Teaching experience:** Teacher Assistant at Polytech Montpellier 2016-2017
- **Trainings:** PCS1 Civilian Prevention and Rescue Level 1 / Fire safety, handling of fire extinguisher, building evacuation / Cross-borders Doctoriales® 2015 organised by the University of Perpignan and the COMUE Languedoc-Roussillon
- **Publication:** article as 2nd autor « Optimization of N-doped TiO₂ Multifunctional Thin Layers by Low Frequency PECVD Process » accepted in Journal of the European Ceramic Society
- **Conferences and posters:** Oral presentation at « 6th international conference on Shaping of Advanced Ceramics » on 18-20th July 2016 at Montpellier, France / Oral presentation at « GSO Grand Sud-Ouest Chemical Day » organised by Société Chimique de France on November 2016 at Bordeaux, France / Oral communication is planned in « EUROMAT 2017 » on September 2017 at Thessaloniki, Greece / Poster presentation at « IEM PhD student Day » on 3rd of May 2016 at Montpellier, France / Poster presentation at « 13th Exchange Days of the Cold Plasma Network » on 17-20th of October 2016 at La Rochelle, France

March 2015 - August 2015 (6 months): R&D Engineer at AREVA NP - BU Fuel Division
Production of metal carbide by Mechanical Alloying (Lyon & Montpellier, France)

April 2014 - August 2014 (5 months): Reservoir Engineer at TOTAL E&P
Hydrocarbon recovery by thermal path & establishment and approval of new heating process by magnetic induction (Pau, France)

July 2011 - September 2011 (3 months) Civil Engineer at the Yassa powerplant
Design analysis and simulation in SOLIDWORKS® software of the mechanical stress due to the exhaust gas flow of WÄRTSILÄ 18V38 engine (Douala, Cameroon)

Education

2015-2018: PhD student in Materials Science (University of Montpellier)

2013-2015: Postgraduate degree in Physical-Chemistry of Materials (University of Montpellier)

2011-2013: Postgraduate degree in Materials-Energy (Burkina Faso)

2010-2011: Bachelor degree in Industrial Maintenance and Industrial Atomation (Cameroon)

2008-2010: D.U.T in Thermal and Energetics Engineering (Cameroon)

Fields of Competences

Materials: Organic and inorganic materials, ceramics, plasma membranes

Characterisation methods: SEM, XRD, FTIR, EDX, XPS, AFM, TGA/TDA, DSC, XRR Density, Ellipsometry Raman, Ionic Conductivity, Contact Angle, Permeability

Other Skills and Interests

Languages: French (mother tongue), English (intermediate level)

Computing: Word, Excel, Access, PowerPoint, Origin, SolidWorks®

Organisations: Volunteer to the UNICEF France and to the Restos du cœur France

Sport: Volley-ball, cycling, dancing