

Fahad Bin Sultan University
Faculty of Engineering
Natural Sciences Department

Yasser Ahmad

Education

Degree	Discipline	Institution	Year
Ph.D.	Chemistry of Materials	Clermont-Auvergne University	2013
MSC 2	Inorganic Chemistry	Claude Bernard University of Lyon	2010
MSC 1	Industrial Chemistry	Holy Spirit University of Kaslik	2009
BSC	General Chemistry	Lebanese University	2008

Academic experience

Institution	Rank	Title	Dates	Full Time or Part Time
Fahad Bin Sultan university	Assistant professor		2016- present	Full time
Clermont-Auvergne university	Assistant professor		2014-2016	Full time

Non-Academic Experience

Company or Entity	Title	Brief Description of Position	Dates	Full Time or Part Time
Les Restos du Coeur	Volunteer work	French association to help poor and homeless people	2013-2016	Part time

Subjects taught over the past two academic years

Course code	Course Name	Institution	Credits
REE 487	Hydrogen Technologies & fuel cells	Fahad Bin Sultan university	3 c.h
CHEM 101	General Chemistry	Fahad Bin Sultan university	3 c h
CHEM 101 L	General Chemistry Lab	Fahad Bin Sultan university	1 c.h
FREN 101	Basic French	Fahad Bin Sultan university	3 c.h

Honors and Awards

Received full scholarship at Clermont Auvergne University sponsored by the Ministry of Higher Education of Research and Innovation of France for 3 years.

Received full funded grant for Postdoctoral Fellow at the Institute of Chemistry of Clermont Ferrand sponsored by the National Research Agency of France for 18 months.

Received full funded grant for Postdoctoral Fellow at the Institute of Chemistry of Clermont Ferrand sponsored The National Centre for Scientific Research, CNRS – France for 24 months

Service Activities

- Assistant Guest Editor for the special issue titled "Fluorinated Nanocarbons and their Applications" , journal: Nanomaterials – MDPI
- Adjunct Research Fellow at Clermont Auvergne University
- Department Head of Mechanical Engineering Department at Fahad Bin Sultan University 2018-2019
- VP for Research Development at FBSU, 2018-2020
- Internship Leader for College students at Clermont-Auvergne University

Principal Publications and Presentations of the Last Five Years

- 1- Fluorination and its Effects on Electrocatalysts for Low-Temperature Fuel Cells M Chatenet, S Berthon-Fabry, Y Ahmad, K Guérin, M Colin, H Farhat, et al. *Advanced Energy Materials* 13 (15), 2204304, 2023.
- 2- Fluorination effect on the solubility of C60 in a bis (trifluoromethylsulfonyl) imide based ionic liquid Y Ahmad, JM Andanson, P Bonnet, N Batische, D Claves, M Dubois, et al. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 649, 12914, 0 2022.
- 3- Carbon in lithium-ion and post-lithium-ion batteries: Recent features Y Ahmad, M Colin, C Gervillie-Mouravieff, M Dubois, K Guérin *Synthetic Metals* 280, 116864, 2021.
- 4- Nouvelle technique de fluoration statique pour le contrôle de la teneur en eau des aérogels de carbones. Y Ahmad, S Berthon-Fabry, M Chatenet, G Monier, M Dubois, K Guerin Colloque Francophone du Carbone, 2021.
- 5- Preparation and applications of fluorinated graphenes Y Ahmad, N Batische, X Chen, M Dubois *C* 7 (1), 20, 2021
- 6- Advances in tailoring the water content in porous carbon aerogels using RT-pulsed fluorination Y Ahmad, S Berthon-Fabry, M Chatenet, G Monier, M Dubois, K Guérin. *Journal of Fluorine Chemistry* 238, 109633, 2020.
- 7- Activity and durability of platinum-based electrocatalysts with tin oxide-coated carbon aerogel materials as catalyst supports F Labbé, T Asset, M Chatenet, Y Ahmad, K Guérin, R Metkemeijer, et al. *Electrocatalysis* 10, 156-172, 2019