

Dr. Abdullah I. Alateeqi

1. Name and contact information

Name: Abdullah I. Alateeqi

Rank: Assistant Professor

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2. Education

Degree	Field	Institution	Year
PhD.	Chemical Engineering	University of Pennsylvania	2023
M.S.	Chemical Engineering	University of Pennsylvania	2014
B.S.	Chemical Engineering	Loughborough University	2012

3. Academic Experience

Institution	Designation	Year/period
Kuwait University	Assistant Professor	FALL 2023 - current

4. Non-academic experience

Organization	Designation	Year
Sinno Research Group, CBE/PICS Departments, University of Pennsylvania	Computer Cluster Technician & Administrator	2017 - 2023
Kuwait Catalyst Company	Plant Field Operator	2008 - 2009

5. Honors and awards

- Merit Student Award (Kuwait Ministry of Higher Education, 2013)
- Chemical Engineering Department Bachelor of Engineering Design Prize: Best Individual Design Project (Chemical Engineering Department, Loughborough University, 2012)
- Department Project Prize: Best Research and Development Project (Chemical Engineering Department, Loughborough University, 2012)

6. Publications and Presentations

Publications:

- “Carbon solubility in liquid silicon: a computational analysis across empirical potentials”. Luo, J., Alateeqi, A. et al. (2019) The Journal of Chemical Physics 150(14): 144503
- “Atomistic simulations of carbon diffusion and segregation in liquid silicon”. Luo, J., Alateeqi, A. et al. (2017) Journal of Applied Physics 122(22): 225705

Presentations:

- “Computational Study of Silicon Non-Classical Homogeneous Nucleation”. IWMCG (International Workshop on Modeling in Crystal Growth) – 2022
- “Free Energy of Silicon Carbide Particle Nucleation in Carbon-Containing Silicon Melts”. ICCGE (The International Conference on Crystal Growth and Epitaxy) – 2019
- “Carbon in Liquid Silicon: Diffusion, Solubility, and Nucleation of Silicon-Carbide Particles”. AIChE (American Institute of Chemical Engineers) 2018
- “Carbon in Liquid Silicon: Diffusion, Solubility, and Nucleation of Silicon-Carbide Particles”. IWMCG (International Workshop on Modeling in Crystal Growth) – 2018

7. Recent professional development activities

- Training: “Preparation of Assessment Data – ICEF and Student Outcome Evidence”. 17/4/2023, Kuwait University