

---

## Dr. Abdullah I. Alateeqi

---

### 1. Name and contact information

Name: Abdullah I. Alateeqi

Rank: Assistant Professor

### Address:

Office Room Number: S03 E1 171.

Chemical Engineering Department,  
College of Engineering and Petroleum,  
Kuwait University (Al-Shadadiya)

E mail: a.alateeqi@ku.edu.kw

### 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