# Dr. Suleiman Mousa
Assistant Professor

## Personal Data:

Nationality | British
Date of Hire | April 2023
Date Rank Obtained | March 2023
Department | Chemical Engineering
Email | saamousa@kfu.edu.sa
Office No | 2056
Office Phone No |

## Education:

| Academic Degree | Major | specialty | Place of Issue | Address | Date |
|---|---|---|---|---|---|
| Doctorate (PhD) | Chemical Engineering | Catalysis | UK | Nottingham University | 2021 |
| Masters (M.Sc.) | Chemical Engineering | Cool Flames | UK | Surrey University | 2015 |
| Bachelor (B.Sc.) | Chemical Engineering | Process engineering | UK | Surrey University | 2014 |

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

| PhD | Multiscale multimodal imaging of nanoporous catalyst |
|---|---|
| Master | Cool flames in space |

## Experiences:

| Title of Job | Address of Work | Country | Date | |
|---|---|---|---|---|
| Material Engineer | AFC Energy | UK | From | June 2022 |
| | | | To | March 2023 |
| Research Assistant | JM | UK | From | Feb 2022 |
| | | | To | June 2022 |

## Research Interests:

1. Synthesis and Characterization of novel highly disordered porous solids
2. Transport in porous media
3. Characterization of porous media
4. Imaging techniques – CXT, SEM, etc

## Publications:

| # | Name of author(s) | Title of Publication | Publisher and Date of Publication | Link of Publication |
|---|---|---|---|---|
| 1 | Suleiman et al. | Integration of multi-scale porosimetry and multi-modal imaging in the study of structure-transport relationships in porous catalyst pellets | Chemical Engineering Journal 2021 | doi: 10.1595/205651323X16865616704021 |
| 2 | Suleiman et al | Triangulation of pore structural characterisation of disordered mesoporous silica using novel hybrid methods involving dual-probe porosimetries | Colloids and Surfaces A: Physicochemical and Engineering Aspects 2022 | Doi: 10.1016/j.colsurfa.2022.130026 |
| 3 | Suleiman et al | Evolution of the pore structure-transport relationship during catalyst reduction and sintering studied by integrated multi-scale porosimetry and multi-modal imaging | Chemical Engineering Science 2023 | Doi: 10.1016/j.ces.2023.118880 |

## Language Proficiency:

1. English
2. Arabic