

Curriculum Vitae

Personal information

Name: Maytham Oday Mohammed Salih Alabid

Email: sweihi_maithem@yahoo.com

Maytham.Oday@alayen.edu.iq

Work experience

University professor at AUIQ (2024)

Responsible for Quality Assurance and University Performance Division in Faculty of Engineering

Responsible for Student Activities Unit

General Supervisor of Laboratories in Faculty of Engineering

Education

Ph.D. - Polytechnic University Of Bucharest/ Romania (2020-2024)

Specialty in fossil fuels, biomass, renewable energy sources, and environmental protection through Carbon Capture and Storage processes. Supervisor: Professor Cristian Dinca- Head of Energy Generation and Use Department; Faculty of Power Engineering at Polytechnic University Of Bucharest.

Master - Polytechnic University Of Bucharest/ Romania (2017-2019)

Chemical engineering and solar energy was the field of study.

Bachelor - University of Baghdad/ Iraq (2011-2015)

Specialty in wind and solar energy.

Teaching/supervising experience

- Student training and assessment

- Delivering teaching sessions on integration carbon capture technologies in different CO₂ emissions sources.

Publications

- Alabid M, Cormos CC, Dinca C. Critical Assessment of Membrane Technology Integration in a Coal-Fired Power Plant. *Membranes*. 2022 Sep 19;12(9):904.
- Alabid M, Dinca C. Parametrization Study for Optimal Pre-Combustion Integration of Membrane Processes in BIGCC. *Sustainability*. 2022 Jan;14(24):16604.

- Alabid M, Slavu N, Sandru M, Dinca C. Hybrid polymeric membrane–chemical absorption system for pre-combustion CO₂ capture. In *Computer Aided Chemical Engineering 2023 Jan 1* (Vol. 52, pp. 3073-3078). Elsevier.
- Slavu N, Alabid M, Sandru M, Dinca C. A techno-economic assessment of biomass combustion with CO₂ capture technology. In *Computer Aided Chemical Engineering 2023 Jan 1* (Vol. 52, pp. 3219-3225). Elsevier.
- Alabid M, Dinca C. Parametrical Assessment of Polyacrylamide Polymer Membrane Used for CO₂ Post-Combustion Capture. *Applied sciences. Sci.* 2023, 13(20).
- Alabid M, Dinca C. Two Membrane Stages for Capturing CO₂ Generated By Coal Fired Power Plant.

Conferences

- M. Alabid and C. Dinca, Influence of the membrane characteristics on CO₂ post-combustion performances. 14th International Conference On Sustainable Energy & Environmental Protection SEEP2022 – London.
- C. Dinca and Alabid Maytham, A critical parametrization study of the membrane technology integration in an advanced coal-fired power plant. 7th International Conference on Contemporary Problems of Thermal Engineering CPOTE2022 – Warswa/Poland.
- M. Alabid (keynote speaker) and C. Dinca, Membrane Development for CO₂ Capture in the Energy Intensive Industries. 9th International Conference on Materials Science and Technologies RoMat 2022 – Bucharest/Romania.
- M. Alabid , Hybrid polymeric membrane–chemical absorption system for pre-combustion CO₂ capture , 33rd EUROPEAN SYMPOSIUM ON COMPUTER-AIDED PROCESS ENGINEERING, ESCAPE 2023 – Greece
- M. Alabid, Optimization of post-combustion integration of polymer membranes in the clinker manufacturing process for CO₂ reduction, 7th Green and Sustainable Chemistry Conference – Dresden Germany 2023.