

Jakob Lykke Stein Ph.d.-stipendiat AAU Energi Det Ingeniør- og
Naturvidenskabelige Fakultet Aalborg Universitet Esbjerg Esbjerg Energy Section
Postadresse: Niels Bohrs Vej 8 C1109 6700 Esbjerg Danmark E-mail:
jlst@energy.aau.dk Mobil: +45 5051 9219

Ansættelse

Ph.d.-stipendiat

AAU Energi
Det Ingeniør- og Naturvidenskabelige Fakultet
Aalborg Øst, Danmark
1 nov. 2020 → 31 dec. 2024

Studiejob: Laboratorieassistent

Glycom A/S
Esbjerg, Danmark
1 jan. 2018 → 31 aug. 2019

Studiejob: Servicemedarbejder

Jysk Fynske Medier, Jyske Vestkysten Esbjerg
Esbjerg, Danmark
1 sep. 2008 → 30 sep. 2020

Publikationer

Halophyte-based Biocides for Mitigation of Microbiologically Influenced Corrosion (MIC) in Industrial Water Systems

Stein, J. L., 15 jan. 2024, (Accepteret/In press) *Petroleum Microbiology: The Role of Microorganisms in the Transition to Net Zero Energy*. 1st Edition udg. Boca Raton: Taylor & Francis, s. 154-166 13 s.

MIC mitigation comparison of Halophyte-extract against THPS and Glutaraldehyde: A benchmarking experiment

Stein, J. L., Chaturvedi, T., Skovhus, T. L. & Thomsen, M. H., 14 nov. 2023. 1 s.

Halophyte Extract-based Biocide vs. Conventional Biocides: A benchmarking experiment

Stein, J. L., Chaturvedi, T., Skovhus, T. L. & Thomsen, M. H., 12 maj 2023. 1 s.

Importance of the Multiple Lines of Evidence (MLOE) approach in Diagnosing Microbiologically Influenced Corrosion (MIC)

Stein, J. L., Chaturvedi, T., Skovhus, T. & Thomsen, M. H., 29 nov. 2022.

Optimization of enzymatic hydrolysis for utilization of food waste

Krail, L., Chaturvedi, T., Spedtsberg, E. M. L., Stein, J. L. & Thomsen, M. H., 31 aug. 2022.

Optimization of Extraction Conditions for Production of Halophyte-based Biocides for Microbiologically Influenced Corrosion (MIC) Mitigation

Stein, J. L., Chaturvedi, T., Skovhus, T. L. & Thomsen, M. H., 30 aug. 2022.

Clean Biocide Project: Halophyte Extracts as Natural Corrosion Inhibitors in Water Systems

Stein, J. L., Chaturvedi, T., Skovhus, T. L. & Thomsen, M. H., 26 aug. 2022.

Effect of Antimicrobial Halophilic Plant Extracts on Microbiologically Influenced Corrosion (MIC)

Stein, J. L., Chaturvedi, T., Skovhus, T. L. & Thomsen, M. H., mar. 2022. 15 s.

Clean Biocide Project: Natural Corrosion Inhibitors Halophilic Plant Extracts for Biofilm Mitigation

Stein, J. L., Chaturvedi, T., Skovhus, T. L. & Thomsen, M. H., 2021.

Halophilic Plant Extracts for Prevention of Microbiologically Influenced Corrosion (MIC)

Chaturvedi, T., Stein, J. L., Skovhus, T. L. & Thomsen, M. H., 2021, s. 20.

The Clean Biocide Project Halophilic plant extracts for prevention of microbiologically influenced corrosion (MIC)

Stein, J. L., Chaturvedi, T., Thomsen, M. H. & Skovhus, T. L., 2021.

Aktiviteter

DTU Offshore Young Researchers' Day 2023

Jakob Lykke Stein (Deltager)

12 maj 2023

Halophyte Extract-based Biocide vs. Conventional Biocides

Jakob Lykke Stein (Foredragsholder)

12 maj 2023

CLEAN BIOCIDES Project; Corrosion Inhibitors from Halophilic Biomass

Jakob Lykke Stein (Foredragsholder)

29 nov. 2022

DTU Offshore Technology Conference

Jakob Lykke Stein (Deltager)

29 nov. 2022 → 30 nov. 2022

EUROCORR 2022

Jakob Lykke Stein (Deltager)

28 aug. 2022 → 1 sep. 2022

COST Conference: Microbiologically influenced Corrosion

Jakob Lykke Stein (Deltager)

26 aug. 2022 → 27 aug. 2022

EFC Corrosion Summer School 2022

Jakob Lykke Stein (Deltager)

25 aug. 2022 → 27 aug. 2022

Clean Biocide Project presentation at IWA Biofilms 2021

Jakob Lykke Stein (Foredragsholder)

7 dec. 2021

IWA Biofilms 2021 Virtual Conference

Jakob Lykke Stein (Deltager)

6 dec. 2021 → 8 dec. 2021

DHRTC Technology Conference 2021

Jakob Lykke Stein (Deltager)

16 nov. 2021 → 17 nov. 2021

Clean Biocide project

Jakob Lykke Stein (Foredragsholder)

7 maj 2021

Young Researcher Day 2021 - DHRTC

Jakob Lykke Stein (Deltager)

7 maj 2021

Priser

DHRTC Technology Conference 2021: Best Poster

Stein, Jakob Lykke (Modtager), 17 nov. 2021

Projekter

Halophilic Plant Extracts as Natural Corrosion Inhibitors and Biocides for Oil Field Application

Stein, J. L., Thomsen, M. H. & Skovhus, T. L.

01/01/2022 → 31/12/2024