

AICHE

Communities

Membership

Publications

Learning & Careers

SIGN IN



2022 AIChE Annual Meeting November 13-18, 2022 | Phoenix Convention Center, Phoenix, AZ

Events

Meeting FAQ

TECHNICAL PROGRAM



CONFERENCE TYPE

AIChE Annual Meeting

CONFERENCE YEAR

2022

978-0-8169-1118-9

Groups / Topicals

Bridging the Skills Gap in Chemical Engineering

Engineering for Inclusion

Innovations in Process Engineering

Meet the Candidates Poster Sessions

Regenerative Engineering Society

Topical Conference: Applications of Data Science to Molecules and Materials

Topical Conference: Chemical Engineers in Medicine

Topical Conference: Entrepreneurship in Chemical Engineering

Topical Conference: Material Interfaces as Energy Solutions

Topical Conference: Next-Gen Manufacturing

Topical Conference: Sensors for Sustainability

Topical Conference: Sustainable Pathways Toward Hydrogen and Synthetic Fuels

Topical Conference: Waste Plastics

General Paper Pool

Engineering Sciences and Fundamentals

Separations Division

Particle Technology Forum

Checkout

CHECKOUT

Do you already own this?

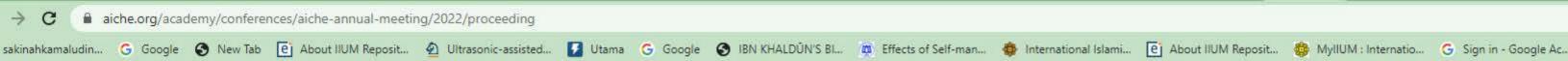
Log In for instructions on accessing this content.

Pricing

INDIVIDUALS

AIChE Members	\$150.00
AIChE Emeritus Members	\$105.00
AIChE Graduate Student Members	Free

More info



SIGN IN

Meeting FAQ



2022 AIChE Annual Meeting November 13-18, 2022 | Phoenix Convention Center, Phoenix, AZ

Membership

Events

Publications

Learning & Careers

TECHNICAL PROGRAM



CONFERENCE TYPE

AIChE Annual Meeting

CONFERENCE YEAR

2022

978-0-8169-1118-9

Groups / Topicals

Bridging the Skills Gap in Chemical Engineering

Engineering for Inclusion

Communities

Innovations in Process Engineering

Meet the Candidates Poster Sessions

Regenerative Engineering Society

Topical Conference: Applications of Data Science to Molecules and Materials

Topical Conference: Chemical Engineers in Medicine

Topical Conference: Entrepreneurship in Chemical Engineering

Topical Conference: Material Interfaces as Energy Solutions

Topical Conference: Next-Gen Manufacturing

Topical Conference: Sensors for Sustainability

Topical Conference: Sustainable Pathways Toward Hydrogen and Synthetic Fuels

Topical Conference: Waste Plastics

General Paper Pool

Engineering Sciences and Fundamentals

Separations Division

Particle Technology Forum

Checkout

CHECKOUT

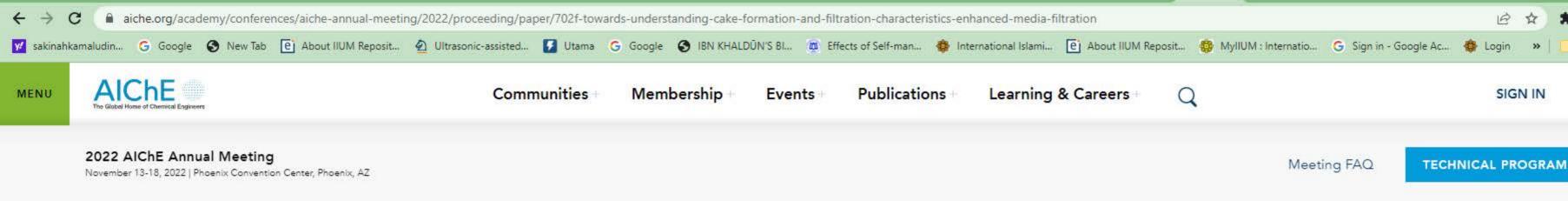
Do you already own this?

Log In for instructions on accessing this content.

Pricing

INDIVIDUALS

AlChE Members	\$150.00
AIChE Emeritus Members	\$105.00
AIChE Graduate Student Members	Free



Enhanced Media Filtration in Effluent Waste Management



CONFERENCE

AIChE Annual Meeting

YEAR

2022

PROCEEDING

2022 Annual Meeting

GROUP

Separations Division

SESSION

Antifouling Membranes for Water Purification

TIME

Friday, November 18, 2022 - 9:45am to 10:06am

Authors

Amosa, M. - Presenter

Karimu, O. S., Nigerian Upstream Petroleum Regulatory Commission

Jami, M. S., International Islamic University Malaysia

Tajari, T. B., PETRONAS Chemicals Fertiliser Sabah Sdn Bhd, Jalan

Aderibigbe, F. A., University of Ilorin

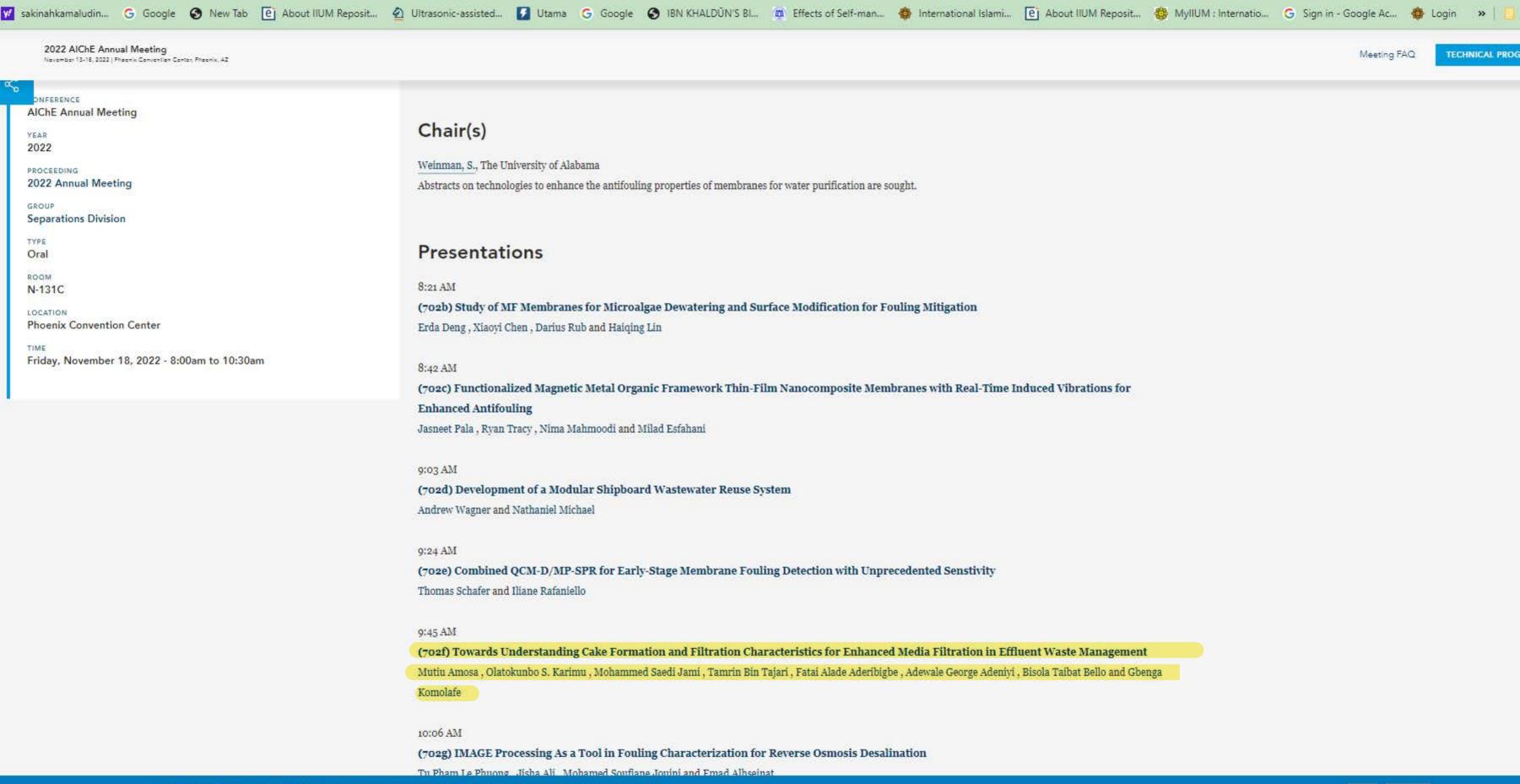
Adeniyi, A. G., University of Ilorin

Bello, B. T., University of Ilorin

Komolafe, G., Nigerian Upstream Petroleum Regulatory Commission

 $\label{thm:cake} \begin{tabular}{l} Understanding the engineering principles behind filter cake \^aeta et al. \ref{table:cake} E^{TM}s behaviors and its importance in many applications such as wellbore stability, oilfield waterflooding, drilling, produced water re-injection and/or applications. \ref{table:cake}$

disposal and all solid-liquid filtration processes is crucial for successful implementation and maintenance



aiche.org/academy/conferences/aiche-annual-meeting/2022/proceeding/session/antifouling-membranes-water-purification