

Catalysis Society of Metropolitan New York

THE PROGRAM:

8:00-8:45 AM REGISTRATION

8:45-8:50 AM OPENING REMARKS

SESSION I : STRUCTURE-FUNCTION RELATIONSHIPS IN CATALYSIS

08:50-09:40 AM **ROBERT BURWELL KEYNOTE LECTURE**

DR. UMIT OZKAN
OHIO STATE UNIVERSITY

Catalytic treatment of water contaminated with halogenated hydrocarbons

09:40-10:10 AM **DR. GINA NOH**
PENNSYLVANIA STATE UNIVERSITY

Structure-function relationships toward stable catalysts for atom-efficient reactions

10:10-10:40 AM **DR. SIDDARTH KRISHNA**
UNIVERSITY OF WISCONSIN-MADISON

Solvent and Redox Dynamics in Wacker Oxidation over Bifunctional Metal-Zeolites

10:40-11:00 AM COFFEE BREAK

SESSION II : ADVANCED CHARACTERIZATION AND MATERIALS DESIGN IN CATALYSIS

11:00-11:30 AM **DR. GEORGE TSILOMELEKIS**
RUTGERS UNIVERSITY

Understanding Tandem Pathways in Alkane and CO₂ Utilization

11:30-12:00 PM **DR. MADELYN BALL**
MICHIGAN STATE UNIVERSITY

Towards Integrated Reaction and Separation Using Metal Embedded Carbon Molecular Sieve Membranes

12:00-12:30 PM **DR. ANATOLY FRENKEL**
STONY BROOK UNIVERSITY

Cracking the Code of Catalytic Active Sites: From Spectra to Structure

12:30-1:20 PM LUNCH

1:20-2:50 PM POSTER SESSION

SESSION III : INDUSTRIAL TRANSLATION & SCALE-UP

2:50-3:20 PM **DR. MARISSA BEATTY**
TURNOVER LABS

Durable and Impurity Resilient CO₂ Electrolysis for Practical Implementation

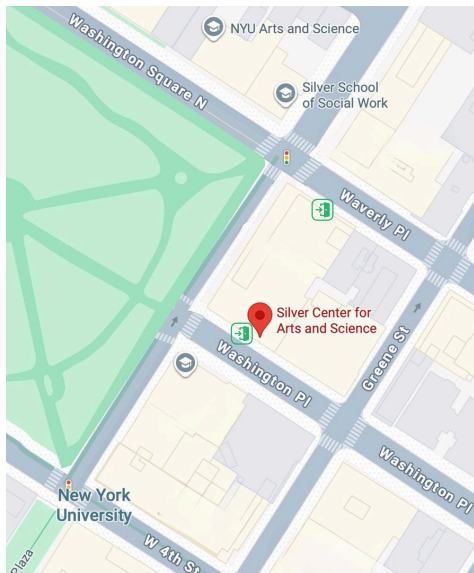
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3:20-3:50 PM	DR. PATRICK SARVER SORA FUEL <i>Decarbonizing Aviation with a (B)icarbonate Electrolyzer</i>
3:50-4:20 PM	DR. KARIN CALVINHO RENEWCO2 <i>From Catalyst Design to Commercial Deployment: Electrochemical CO₂ Reduction to Formate in a Zero-Gap Membrane Electrode Assembly</i>
4:20-4:50 PM	PANEL DISCUSSION: FROM CATALYST TO COMPANY — TRANSLATING IDEAS INTO CLIMATE TECHNOLOGIES
4:50-5:00 PM	POSTER AWARDS
5:00 PM	CLOSING REMARKS

LOCATION:

**100 WASHINGTON SQ E , NEW YORK NYU SILVER CENTER FOR ARTS AND SCIENCE;
FLOOR 1, HEMMERDINGER HALL**

- **PLEASE NOTE THAT THE ENTRANCE IS ACCESSIBLE FROM BOTH SIDES OF THE SILVER CENTER BUILDING.**



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