Carbon Dioxide Removal Innovation Workshop
Agenda In-Brief

Date: October 24, 2023
Venue: Palo Alto Research Center, 3333 Coyote Hill Drive, Palo Alto, CA 94304

Objective: Rapid developments in materials, chemistry, biology, manufacturing, and digital technologies have the potential to accelerate carbon dioxide removal (CDR). This Workshop is being convened by DOE-FECM, SRI International, and SLAC National Accelerator Laboratory to identify and explore emerging technologies with the potential to dramatically accelerate CDR in the next five to ten years. Participants will work in small groups to identify relevant technologies, explore the potential impact of those technologies, and recommend a research agenda to accelerate CDR.

I. Opening Remarks [8:30am to 9am]

***David Parekh**, CEO, SRI International*
***John Sarrao**, Director, SLAC National Accelerator Laboratory*
***Noah Deich**, Deputy Assistant Secretary, DOE Fossil Energy and Carbon Management*

II. Keynote Presentations [9am to 10am]

***Sally Benson**, Professor, Energy Science & Engineering, Stanford University*
"How Does Carbon Dioxide Removal Fit Into the Carbon Management Policy Framework?"

***Ah-Hyung "Alissa" Park**, Dean, Samueli School of Engineering, UCLA*
"Interdisciplinary Research and Decarbonization"

III. Morning Break-Out Sessions—The Opportunity [10am to 12noon]

The morning break-out sessions will explore the intersection of emerging technologies and CDR, examine the potential of emerging technologies to accelerate CDR, and describe the expected evolution of emerging technologies.

Lunch, hosted [12noon to 1pm]

IV. Investor Panel Discussion [1pm to 2pm]

Leading investors will share their perspectives on external innovations that are needed as well as business formation and scaling challenges for CDR.

V. Afternoon Break-Out Sessions—The Plan [2pm to 4pm]

The afternoon break-out sessions will propose a research agenda to achieve and validate the potential impact of emerging technologies on CDR.

VI. Cross-Cutting Discussions [4pm to 5pm]

The cross-cutting discussions will engage all attendees on ideas that cut across workshop break-out verticals.

Post-Workshop Mixer, hosted [5pm to 6:30pm]

The post-workshop mixer provides an opportunity to continue discussions and promote networking.