

**Annual Affiliates Meeting**  
**Wednesday, November 15, 2023**

<b>Time (PDT)</b>	<b>Topic</b>	<b>Speaker</b>
<b>8:00-8:30</b>	Registration and Breakfast	
<b>8:30-8:45</b>	Welcoming Remarks	<b>Sarah Saltzer</b>
<b>8:45-9:10</b>	The value of CCS to California's transition to net-zero	<b>Josh Neutel</b>
<b>9:10-9:35</b>	Pilot Scale CCS Site Modeling and Well Design Optimization	<b>Yunan Li</b>
<b>9:35-9:45</b>	<b>10-Minute Break</b>	
<b>9:45-10:10</b>	Carbon Storage Site Selection in Quebec	<b>Catherine Callas</b>
<b>10:10-10:35</b>	Numerical modeling of CO <sub>2</sub> storage in the West Delta Field in the Gulf of Mexico	<b>Sam Hashemi</b>
<b>10:35-11:00</b>	Induced Seismicity Hazard Assessment for Geologic CO <sub>2</sub> Storage in Kern County, CA	<b>Arjun Kohli</b>
<b>11:00-11:10</b>	<b>10-Minute Break</b>	
<b>11:10-12:00</b>	Reflections on climate change policy from 2 years in Washington, D.C.	<b>Sally Benson</b>
<b>12:00-1:00</b>	<b>Lunch</b>	
<b>1:00-1:50</b>	Geos – The Next-gen simulator for geologic carbon storage	<b>Hamdi Tchelepi</b>
<b>1:50-2:15</b>	Real-time high-resolution CO <sub>2</sub> geological storage prediction using nested Fourier neural operators	<b>Gege Wen</b>
<b>2:15-2:25</b>	<b>10-Minute Break</b>	
<b>2:25-2:50</b>	Intercomparison of numerical simulation models for hydrogen storage in porous media using different codes	<b>Jimin Zhou &amp; Yulman claro</b>
<b>2:50-3:15</b>	An Integrated Framework for Optimal Monitoring and History Matching in CO <sub>2</sub> Storage Projects	<b>Dylan Crain</b>
<b>3:15-3:40</b>	Surrogate Model for Geological CO <sub>2</sub> storage and Its Use in MCMC-based History matching	<b>Yifu Han</b>
<b>3:40-3:50</b>	<b>10-Minute Break</b>	
<b>3:50-4:15</b>	Efficient optimization of horizontal/deviated well placement and control for CO <sub>2</sub> storage using upscaled models	<b>Amy Zou</b>
<b>4:30-5:00</b>	<b>Group Discussion</b>	