

Seminar on Solutions for Green Technology

Texas A&M University, Zachry Engineering Building Chevron
Room 297



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| 08:30 | Registration |
| 09:00 | Environmentally important materials <ul style="list-style-type: none">- Pore size characterization of adsorbents- Heats of adsorption (static high-vacuum physisorption of gases and vapors) |
| 10:30 | Coffee break |
| 10:45 | Direct air capture and purification presented by SMS <ul style="list-style-type: none">- Real world multi-component sorption testing (dynamic flow "breakthrough") |
| 12:00 | Lunch |
| 12:45 | Battery materials <ul style="list-style-type: none">- Cathode and anode surface area measurements (rapid vacuum-volumetric physisorption) |
| 14:00 | Coffee break and lab tour |
| 15:00 | Hydrogen storage and carbon sequestration <ul style="list-style-type: none">- Hydride formation and decomposition- High concentration sorption capacity of CO₂ and CH₄ (high pressure gas adsorption) |
| 16:45 | End of seminar |