

Seminar on Solutions for Green Technology

Eldorado Hotel and Spa, Zia Ballroom



08:30 – 08:40	Registration
8:40 – 09:00	Introduction to Anton Paar
09:00	Environmentally important materials - 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 - Real world multi-component sorption testing (dynamic flow “breakthrough)
12:00	Lunch
12:45	Battery materials - Cathode and anode surface area measurements (rapid vacuum-volumetric physisorption)
14:00	Coffee break and lab tour
15:00	Hydrogen storage and carbon sequestration - Hydride formation and decomposition - High concentration sorption capacity of CO₂ and CH₄ (high pressure gas adsorption)
16:45	End of seminar