

LUX FORUM

Finding an Edge Through Energy Innovation Amid Uncertainty

 Date	 Time	 Four Seasons Hotel Houston
April 16, 2026	8:30 am - 2:00 pm CT	1300 Lamar St, Houston, TX 77010

Time (CT)	Session Description	Presenter(s)
8:30 am – 9:00 am	Welcome & Coffee Networking	
9:00 am – 9:40 am	<p>What Comes Next? Predicting Technology Trends Using Lux's Tech Signal</p> <p>Technology scouting has long been a core capability of the energy and industrial sectors, using disciplined funnels to identify, validate, and deploy emerging ideas at scale. Today, however, many organizations face a growing challenge: a lack of shared vision about what comes next. AI has overtaken climate tech as the dominant innovation force, and for the first time in years, no single technology domain commands universal attention, creating both uncertainty and opportunity for forward-looking leaders.</p> <p>In this presentation, Lux Research will share its structured approach to navigating this moment using Lux's Tech Signal framework. Drawing directly from Lux Tech Signal data, the session will highlight emerging technology areas poised to shape the next phase of the energy transition, helping organizations turn early signals into strategic advantage.</p>	Chris Robinson Senior Director Mukunda Kaushik Senior Analyst
9:40 am – 10:20 am	<p>Critical Minerals: An Opportunity Worth Chasing?</p> <p>One of the few clear signals that has emerged over the last few years is deglobalization. Countries are increasingly viewing energy security as part of national security, driving a rush to secure access to key material supply chains required to deliver on energy goals. This presents energy and industrial companies with both risks and opportunities; which minerals face the greatest supply threat? Are there opportunities for oil and gas companies to build advantaged positions through exploration, extraction, processing, and</p>	Abhirab Basu Senior Analyst

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enabling new technologies for critical minerals?

In this presentation, Lux will answer these questions using the Lux Raw Materials Criticality Framework.

**10:20 am –
10:50 am**

Networking Break

**10:50 am –
11:30 am**

The Lux Innovation Helix: Electric Vehicles

Electric vehicles are the clearest stress test of the energy transition because they force energy systems to perform under real human behavior, not theory. EV adoption shows that consumer unmet needs are not a marketing concern but a systems signal shaping grid stability, infrastructure utilization, regulatory support, energy demand, and return on capital. The Lux Innovation Helix is a decision framework that treats these unmet needs as early indicators of where energy systems and technologies are misaligned.

In this presentation, Lux applies the Innovation Helix to EVs to show where innovation will scale and where it will stall, providing a more realistic outlook on EV adoption.

Alina Strugut, Ph.D.

Research Director

Urvi Mehta

Senior Research Associate

**11:30 am –
11:40 am**

Finding and Assessing Innovation Providers

This session introduces Lux Lists and Innovator Assessments, two proprietary tools designed to help innovation teams scout technologies faster and with greater confidence in a resource-constrained environment. Attendees will learn how Lux combines AI-

Sara Wilson

Senior Account Manager

**11:40 am –
12:30 pm**

Ready to Scale: Startups Ready to Deploy

Innovation teams today are being pressed to deliver near-term results, not just long-term options. In this

Moderated By**Chris Robinson**

Senior Director



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interactive session, Lux will invite several startups that have solutions ready to deploy today, yet still have potentially long-term disruptive impacts.

Mukunda Kaushik

Senior Analyst

Pitches by Startups TBA

**12:30 pm –
2:00 pm**

Networking Lunch