



Energy Innovation Forum 2025

In support of Canada's G7 2025 Presidency



What are the opportunities for AI to accelerate the pace of clean energy technology innovation?

Speakers



Alán Aspuru-Guzik
Professor, University of
Toronto Acceleration
Consortium



Marsden Hanna
Head of Energy and
Sustainability Policy, Google



Jon Hennek
Chief Product Officer, Lila
Sciences

Moderator



Eleanor Webster
Head of Secretariat, Mission Innovation

Speaker



Alán Aspuru-Guzik
Professor,
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Jon Hennek
Chief Product Officer,
Lila Sciences

Our mission:

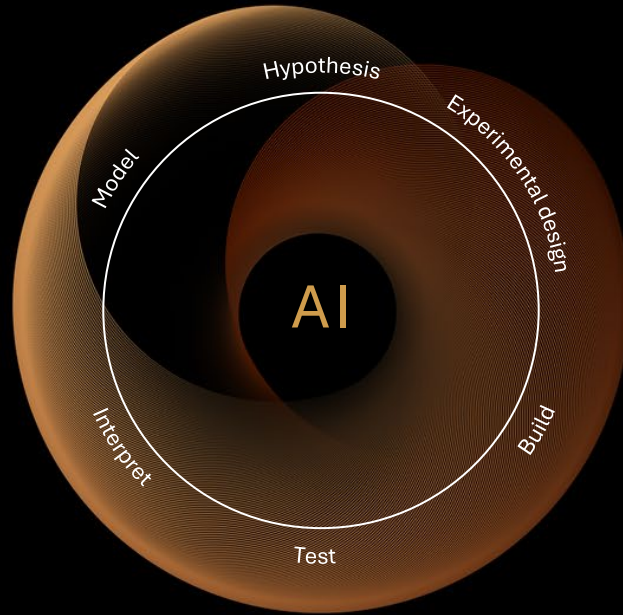
scientific superintelligence

to solve humankind's greatest challenges

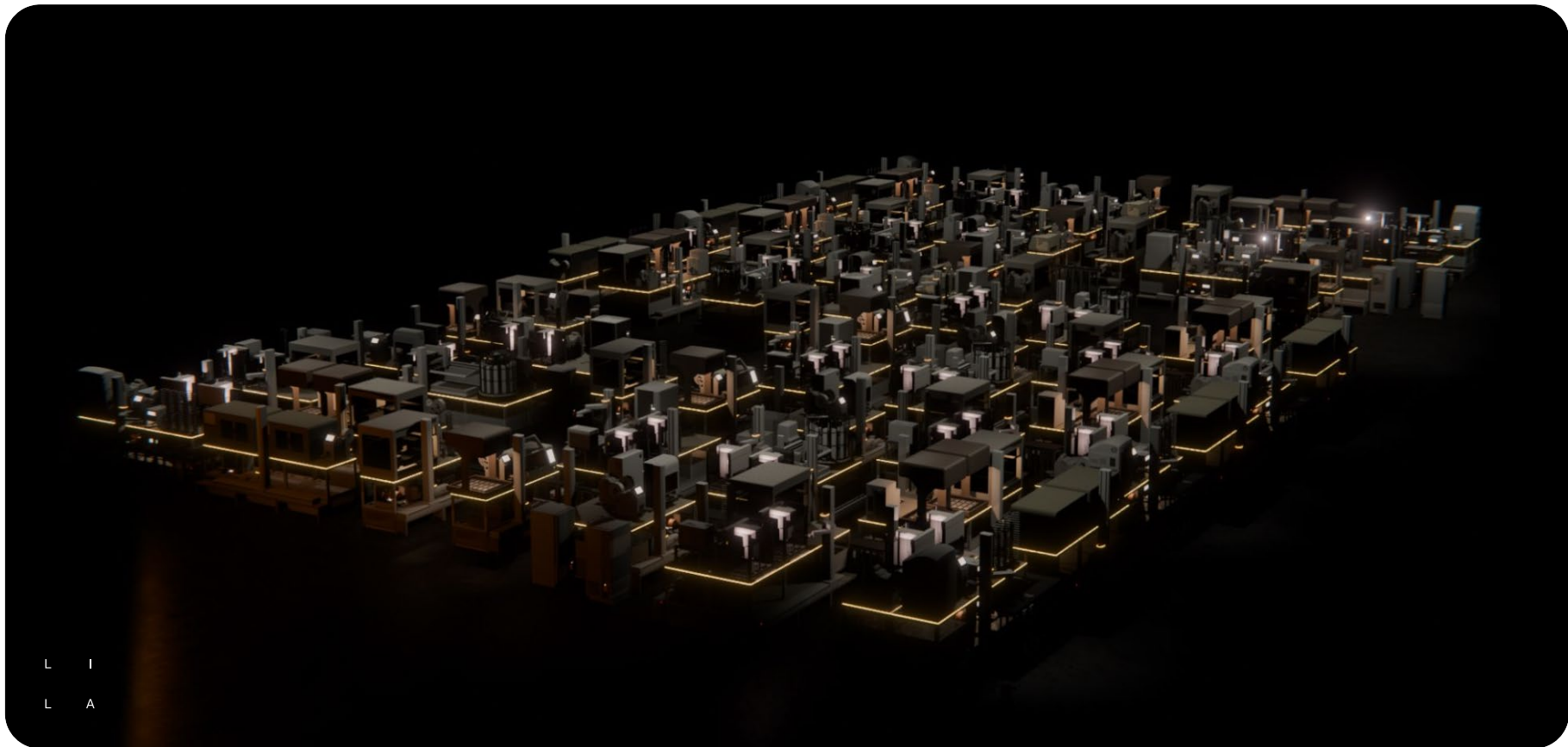
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L A

Lila is re-inventing the most valuable wheel that has ever existed: The scientific method



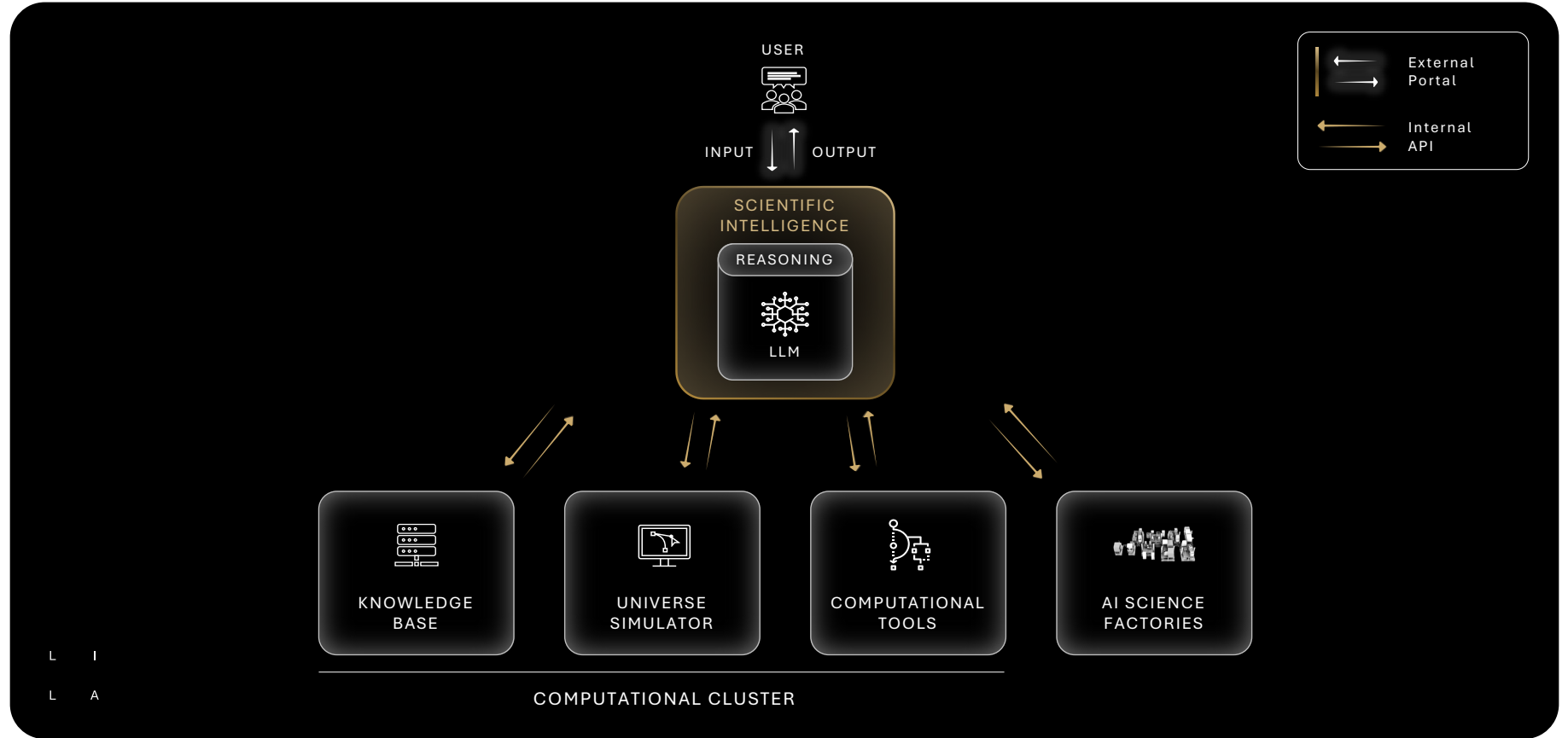
Scaling AI science factories will develop the greatest scientific superintelligence on earth



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We are building a single model with access to the tools necessary to conduct the wheel of science



We have demonstrated that Autonomous Science accelerates life, chemistry, and material science

The **generative AI** race focuses on extracting value from **what humans already know**

Lila's Scientific Superintelligence & Autonomous Science platform will dramatically **expand human knowledge**



DNA



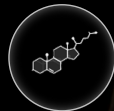
RNA



Protein
sequence



Protein
function



Chemistry



Surfaces



Catalysts



Coatings



Pores



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Questions for discussion

Which steps in the process of technology discovery can we expect AI to speed up?

How will it shrink the total time to market?

How can AI help new early-stage hardware products to be tested and commercialised more quickly?

What do governments need to know about AI for clean energy innovation?

It what area can more coordinated funding and investment foster the greatest impact, and who is well-placed to facilitate the coordination, including internationally?



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