

GUIPRR June Closed Door Pre-Read

OVERVIEW

As artificial intelligence (AI) accelerates toward broader cognitive capabilities and the prospect of artificial general intelligence (AGI), the United States faces a defining opportunity to establish the infrastructure and frameworks needed for responsible, large-scale impact. High-performance computing, specialized hardware, and data center agility form the backbone of AGI research. Meanwhile, commercial investment and public-private partnerships can expedite innovations in energy infrastructure and the development of new concepts in efficient electronics, which are necessary for deployment. Achieving a national next-gen AI framework with respect to an AI and AGI convergence will require cohesive national goals, flexible regulations, and policies that strike a balance between rapid innovation and ethical and security considerations. Operational readiness, cross-agency coordination, and measurable success metrics such as exaflops of computational capacity, economic growth, and advanced real-world applications will guide the journey from current AI capabilities to the horizon of AGI. Through strategic collaboration and bold investments, the nation can harness this convergence to drive scientific breakthroughs, strengthen U.S. competitiveness, and deliver transformative technology.

**AI Infrastructure to Accelerate AI Convergence and
Catalyze U.S. Scientific Innovation**

GUIPRR | June 17 - 18, 2025

SESSION EXPECTATIONS

Purpose of the Session

- This closed session offers participants a space to share ideas and raise questions about a potential next-generation national AI framework.
- The session will function as an ideas lab, blending moderated discussion with open Q&A.

Session Structure

- All participants will receive a notebook to write down their questions and ideas in advance. These notes will support the Q&A and ideas lab portions of the session.
- The panel will present key perspectives. No questions will be taken during or immediately after the panel.
- Gideon Lichfield will deliver a closed-door keynote following the panel to add additional perspectives.
- After the keynote, the panel and Mr. Lichfield will return for a merged Q&A and ideas lab session where participant questions and ideas will be addressed collaboratively.

Confidentiality and Recording

- The session will be recorded for internal use only. NASEM staff will only use the recordings to prepare session summaries, and then they will be permanently deleted.
- Summaries will be shared exclusively with participants of this session. No broader distribution will occur.

Post-Session Activities

- Polyplexus will host a follow-on activity. This will help gather and refine the most important questions raised during the discussion.
- These questions will be compiled and shared with GUIPRR Council members, federal agencies, and OSTP for consideration.

Limitations and Privacy

- Because GUIPRR operates outside of FACA, the group cannot issue direct recommendations to federal agencies. The ideas will be framed as major questions needed to be answered.
- *All information and input from the session will be aggregated and anonymized before analysis and distribution.*

Logistics and Accessibility

- After the meeting, please exit the NAS building using the C Street entrance at 2100 C Street NW, as the main entrance will be closed.
- A ramp is provided at the C Street entrance for individuals using wheelchairs or with mobility limitations.
- If arriving by car service, we recommend being dropped off at the corner of C and 21st Streets, as access to the main entrance is restricted.
- **You are welcome to prepare questions or short statements in advance for the ideas lab. Please limit each to 90 seconds to ensure all voices are heard.**

SESSION OUTLINE

2:00-2:10: Opening Remarks

- Walter Copan, Vice President for Research and Technology Transfer, Colorado School of Mines
- Michael Nestor, Board Director, GUIPRR

2:10-3:20 Moderated Panel Discussion

Moderator: Ana Trisovic, Research Scientist, FutureTech Lab, MIT

- Lane Dilg, Infrastructure Policy & Partnerships, OpenAI
- Reed Sturtevant, General Partner, The Engine Ventures
- Animashree (Anima) Anandkumar, Bren Professor of Computing & Mathematical Sciences, Caltech
- Scott Stapp, Chief Technology Officer and Chief Revenue Officer, DEFCON AI
- Thomas Zacharia, Senior Vice President of Strategic Technology Partnerships and Public Policy, AMD

3:20-3:30 Break

3:30-4:10 Fireside Keynote

Moderator: Michael Nestor, Board Director, GUIPRR

- Gideon Lichfield, former editor-in-chief of Wired magazine and MIT Technology Review

4:10-4:55 Ideas Lab: National Next-Gen AI Framework

- *Combined panel and speaker Q&A and open discussion*



FOLLOW ON ACTIVITY

To build on ideas shared during the closed-door ideas lab, GUIPRR will partner with Polyplexus to host a follow-up activity using a bracket-style engagement tool. This interactive method allows participants to continue the conversation, refine key ideas, and surface the most promising questions or proposals.

The activity will feature a GUIPRR-branded bracket that presents a curated set of ideas from the ideas lab. Participants will have the opportunity to:

- Vote on ideas in successive rounds.
- Add comments, including supportive thoughts or cited evidence.
- Challenge ideas they find unconvincing or unclear.

This approach is intentionally designed to be engaging and iterative. The bracket format encourages return participation by using structured “rounds” of voting. For example:

- A bracket of 8 ideas will involve 3 voting rounds to identify a final idea.
- A bracket of 16 ideas will involve 4 rounds.
- Each voting round lasts 2 to 3 days to keep momentum and interest high.

In some cases, the bracket may also include new ideas submitted through a short form by participants or other experts.

Once the GUIPRR staff reviews and finalizes the set of ideas from the ideas lab, the bracket will go live for invited participants. The resulting insights will be analyzed and shared with the GUIPRR closed-door session participants as part of the broader effort to inform national AI discussions. The platform will be live in July, and outputs will be available at the end of the month.