S 969

Quantum in Practice Act

Congress: 118 (2023–2025, Ended)
Chamber: Senate
Policy Area: Science, Technology, Communications
Introduced: Mar 23, 2023
Current Status: Read twice and referred to the Committee on Commerce, Science, and Transportation.
Latest Action: Read twice and referred to the Committee on Commerce, Science, and Transportation. (Mar 23, 2023)
Official Text: https://www.congress.gov/bill/118th-congress/senate-bill/969

Sponsor

Name: Sen. Young, Todd [R-IN]
Party: Republican • **State:** IN • **Chamber:** Senate

Cosponsors (3 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Warnock, Raphael G. [D-GA]	D · GA		Mar 23, 2023
Sen. Hassan, Margaret Wood [D-NH]	D · NH		Mar 27, 2023
Sen. Thune, John [R-SD]	R · SD		Mar 27, 2023

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Referred To	Mar 23, 2023

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

Bill	Relationship	Last Action
118 HR 1748	Related bill	**Mar 23, 2023:** Referred to the House Committee on Science, Space, and Technology.

Summary (as of Mar 23, 2023)

Quantum in Practice Act

This bill includes *quantum modeling and simulation* within the definition of *quantum information science* for purposes of various federal research and development initiatives, programs, and activities.

Quantum information science refers to the use of the laws of quantum physics to store, transmit, manipulate, compute, or measure information, and *quantum modeling and simulation* refers to the use of quantum computing hardware to determine the properties of quantum systems (e.g., the properties of materials such as high-temperature superconductors and modeling nuclear and particle physics).

Actions Timeline

- **Mar 23, 2023:** Introduced in Senate
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