

## HR 1748

Quantum in Practice Act

**Congress:** 118 (2023–2025, Ended)

**Chamber:** House

**Policy Area:** Science, Technology, Communications

**Introduced:** Mar 23, 2023

**Current Status:** Referred to the House Committee on Science, Space, and Technology.

**Latest Action:** Referred to the House Committee on Science, Space, and Technology. (Mar 23, 2023)

**Official Text:** <https://www.congress.gov/bill/118th-congress/house-bill/1748>

### Sponsor

**Name:** Rep. Feenstra, Randy [R-IA-4]

**Party:** Republican • **State:** IA • **Chamber:** House

### Cosponsors (20 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Crawford, Eric A. "Rick" [R-AR-1]	R · AR		Mar 23, 2023
Rep. Donalds, Byron [R-FL-19]	R · FL		Mar 23, 2023
Rep. Ellzey, Jake [R-TX-6]	R · TX		Mar 23, 2023
Rep. Fitzpatrick, Brian K. [R-PA-1]	R · PA		Mar 23, 2023
Rep. Jackson, Jeff [D-NC-14]	D · NC		Mar 23, 2023
Rep. Kean, Thomas H. [R-NJ-7]	R · NJ		Mar 23, 2023
Rep. Kim, Young [R-CA-40]	R · CA		Mar 23, 2023
Rep. Lofgren, Zoe [D-CA-18]	D · CA		Mar 23, 2023
Rep. Lucas, Frank D. [R-OK-3]	R · OK		Mar 23, 2023
Rep. Mace, Nancy [R-SC-1]	R · SC		Mar 23, 2023
Rep. Neguse, Joe [D-CO-2]	D · CO		Mar 23, 2023
Rep. Stevens, Haley M. [D-MI-11]	D · MI		Mar 23, 2023
Rep. Williams, Brandon [R-NY-22]	R · NY		Mar 23, 2023
Rep. Yakym, Rudy [R-IN-2]	R · IN		Mar 23, 2023
Rep. Crockett, Jasmine [D-TX-30]	D · TX		Apr 6, 2023
Rep. Lawler, Michael [R-NY-17]	R · NY		Apr 6, 2023
Rep. Valadao, David G. [R-CA-22]	R · CA		Apr 6, 2023
Rep. Miller-Meeks, Mariannette [R-IA-1]	R · IA		Apr 20, 2023
Rep. Pappas, Chris [D-NH-1]	D · NH		May 31, 2023
Rep. Wittman, Robert J. [R-VA-1]	R · VA		May 31, 2023

### Committee Activity

Committee	Chamber	Activity	Date
Science, Space, and Technology Committee	House	Referred To	Mar 23, 2023

## Subjects & Policy Tags

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### Policy Area:

Science, Technology, Communications

### Related Bills

Bill	Relationship	Last Action
118 S 969	Related bill	<b>Mar 23, 2023:</b> Read twice and referred to the Committee on Commerce, Science, and Transportation.

### Summary (as of Mar 23, 2023)

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#### 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

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- **Mar 23, 2023:** Introduced in House
- **Mar 23, 2023:** Referred to the House Committee on Science, Space, and Technology.