

QUANTUM PROMISES DISCUSSION SERIES 2022



Harvard **Quantum** Initiative
IN SCIENCE AND ENGINEERING

QUANTUM PROMISES TO GOVERNMENTS



PC: THE NATIONAL QUANTUM
COORDINATION OFFICE

Today, nations worldwide see quantum technology as means for national security and economic growth. While academics strive for international collaborations, governments worried about restrictive export laws and information leakage seek the independence of their quantum industries. Simultaneously, governments promise to sustain expertise exchange as local talent is limited. Chinese and European governments are promised by quantum an opportunity to leap-frog American techno-dominance. The US government is promised by quantum an opportunity to re-assert itself. But why is the quantum program one of nation-building, and for what nations? When we say “nation,” who are we referring to? Who benefits from the connections between governments and quantum science? What does it mean to have a “science first” national R&D agenda? How are governments incentivizing overhyped quantum promises? What type of policy is being created for quantum, and who is benefiting? In this discussion, we will shine a light on these questions, ask ourselves how we got here, and start discussing how we can create research agendas that go beyond ideas of deterrence and arms races.

DISCUSSION LEADERS

Katri Nousiainen

Lawyer at the HLS Program on Negotiation, HLS Visiting Research Fellow, and a scholar at the intersection of quantum S&T and law

Nathan Drucker

Harvard Ph.D. Candidate in Experimental Condensed Matter, Secondary Field Concentration in STS

Joona Keski-Rahkonen

Condensed Matter Physicists at Harvard University, and a scholar at the intersection of quantum S&T and law

Tuesday

November 29th, 2022

5:45-7:45 pm ET

Northwest building

Room **B105**

RSVP for food

Read articles for
this discussion

