

THE 43<sup>rd</sup> INTERNATIONAL SYMPOSIUM ON  
LATTICE FIELD THEORY



# Kenneth G. Wilson Award Session

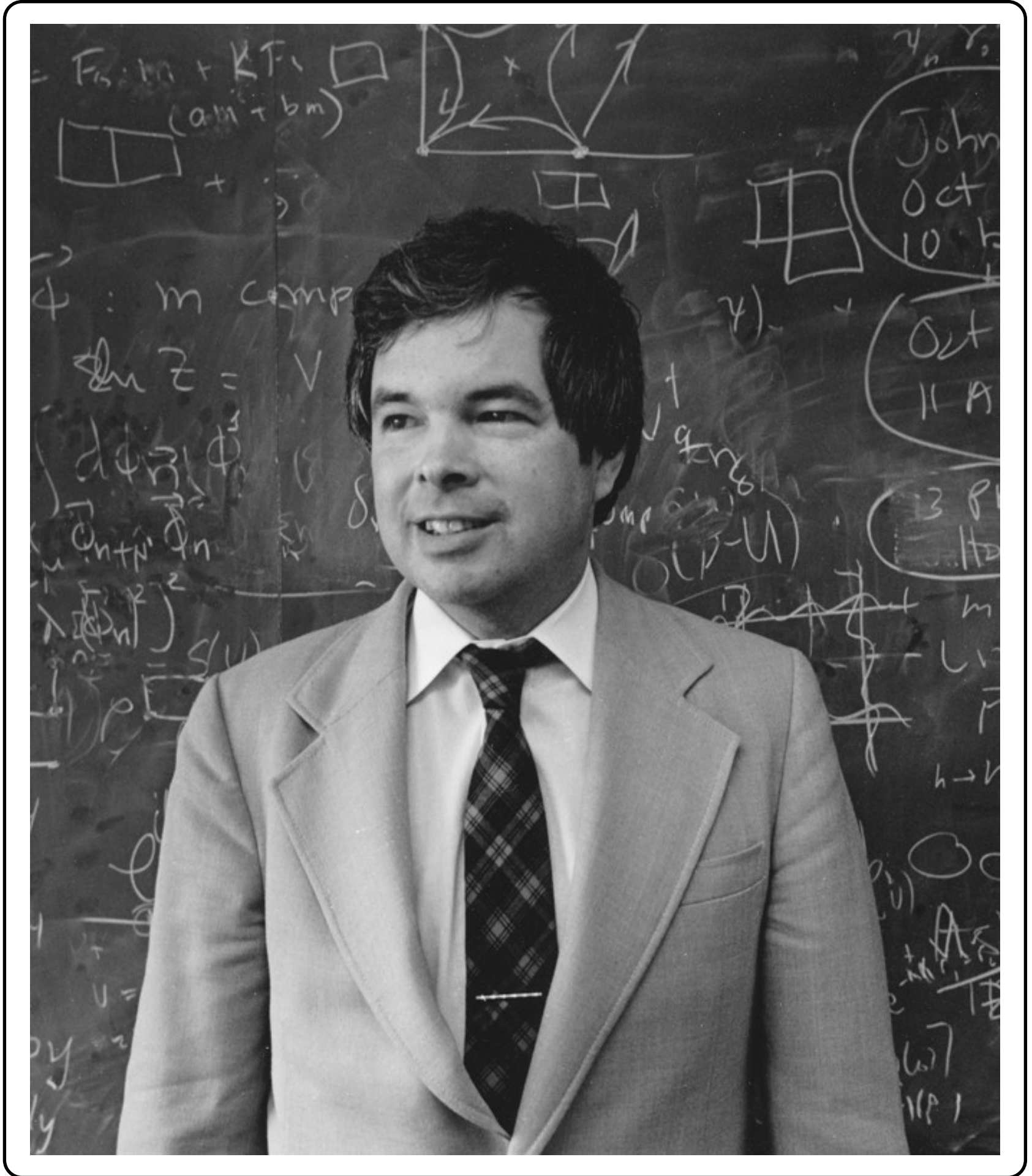
UNIVERSITY OF MARYLAND, COLLEGE PARK  
July 26 to August 1, 2026

Since its inception in 2011, the annual **Kenneth G. Wilson Award for Excellence in Lattice Field Theory** has recognized physicists who have made recent, outstanding contributions to lattice field theory.

The award is presented each year at the International Symposium on Lattice Field Theory. Physicists honored with this award receive:

- A certificate citing the contributions of the recipient
- A modest monetary award
- An invitation to present their cited work in a plenary talk at the conference (with the conference registration fee waived)

The award is named after **Nobel Laureate Kenneth Wilson** (1936–2013), who founded lattice gauge theory in 1974. Wilson endorsed the first award by writing a letter to the community reaffirming the importance of lattice-field-theory research.



The 2026 Kenneth G. Wilson Award Committee consisted of:

- Antoine Gérardin (Marseille University, France)
- Yoshinobu Kuramashi (Tsukuba University, Japan)
- Huey-Wen Lin (Michigan State University, USA)
- Assumpta Parreno (Universitat of Barcelona Spain)
- Agostino Patella (Humboldt University, Berlin, Germany) [acting chair]
- Sayantan Sharma (IMSc, Chennai, India)
- Ruth Van de Water (Fermi National Laboratory, USA) [chair]

This year, the committee received **14 excellent nominations** and was impressed by the high quality of nominated individuals and their work. They conveyed their recommendation for the award recipient to the chair of the International Advisory Committee (Z. Davoudi); IAC members enthusiastically endorsed the recommendation subsequently.

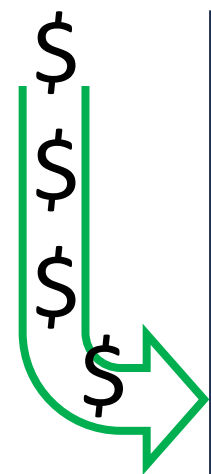
The 2026 KWA is sponsored by:

qlab.umd.edu

research systems



commercial systems



"Quantum For All"

users/collaborators

- research



- spin-offs



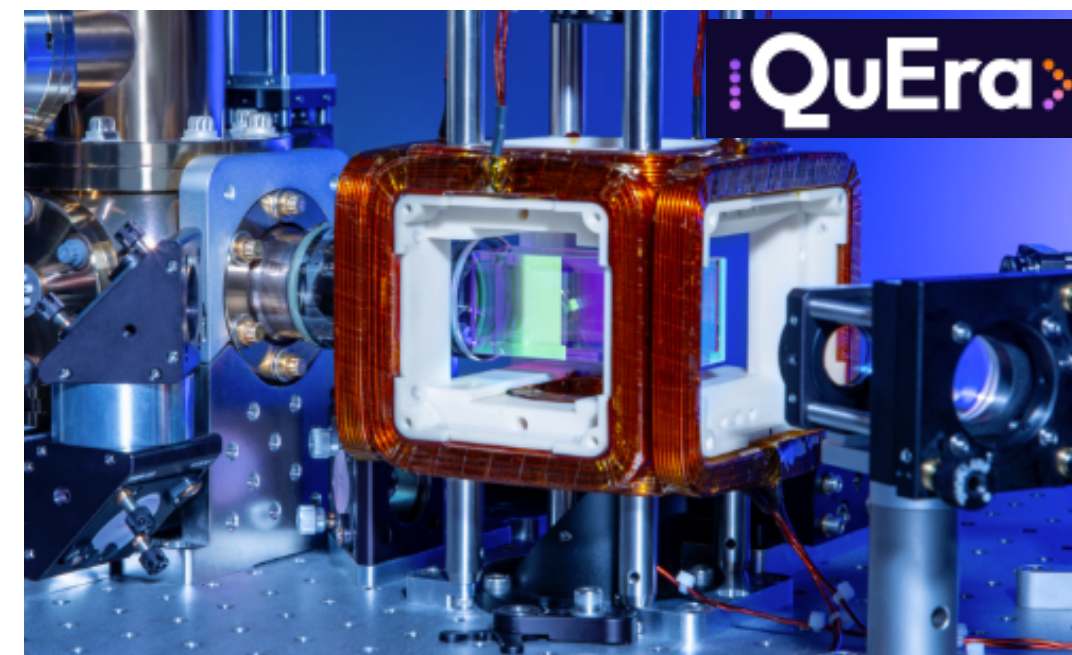
- educators



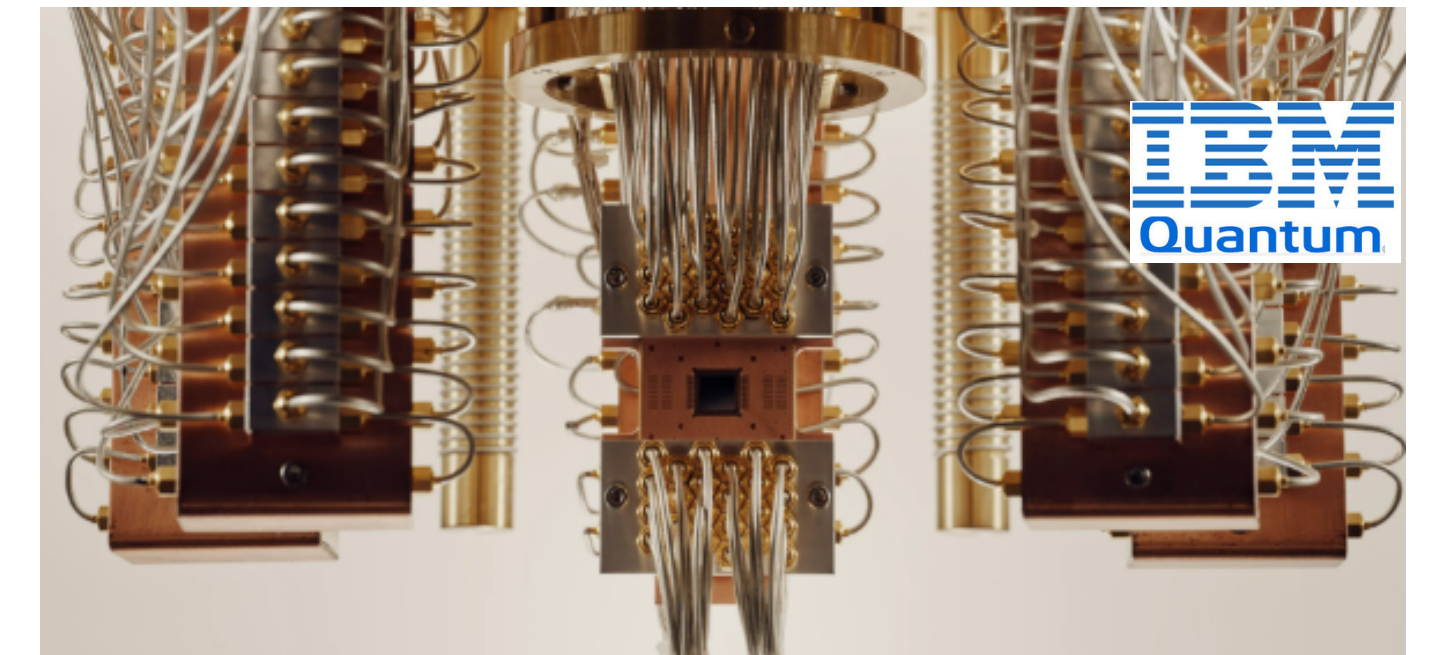
- QLab: a Quantum User facility at UMD
- Free/cheap access to quantum computing resources for research/development etc.
- Seed grant and Global User programs
- Contact:
  - T. Barthel ([barthel@umd.edu](mailto:barthel@umd.edu) is at Lattice2026)
  - N. M. Linke ([linke@umd.edu](mailto:linke@umd.edu)), Director



**IonQ Systems** (36 qubit digital QC)



**Quera Aquila** (256 qubit analog simulator)



**IBM systems** (120-156 qubit QCs)

**QLab**  
National Quantum Laboratory



The 2026 Kenneth G. Wilson Award recipient is:

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# Prof. Natalie Klco (Duke University)



Award citation:

**"For pioneering contributions to digital quantum simulations of lattice gauge theories."**

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# Prof. Natalie Klco

## (Duke University)



Award citation:

**"For pioneering contributions to digital quantum simulations of lattice gauge theories."**

PhD: University of Washington (2020)

Postdoc fellow: Caltech (2020-2022)

Assistant professor: Duke University (2022-)

Number of papers to date: 29

Citations to date (Google Scholar): 3300+