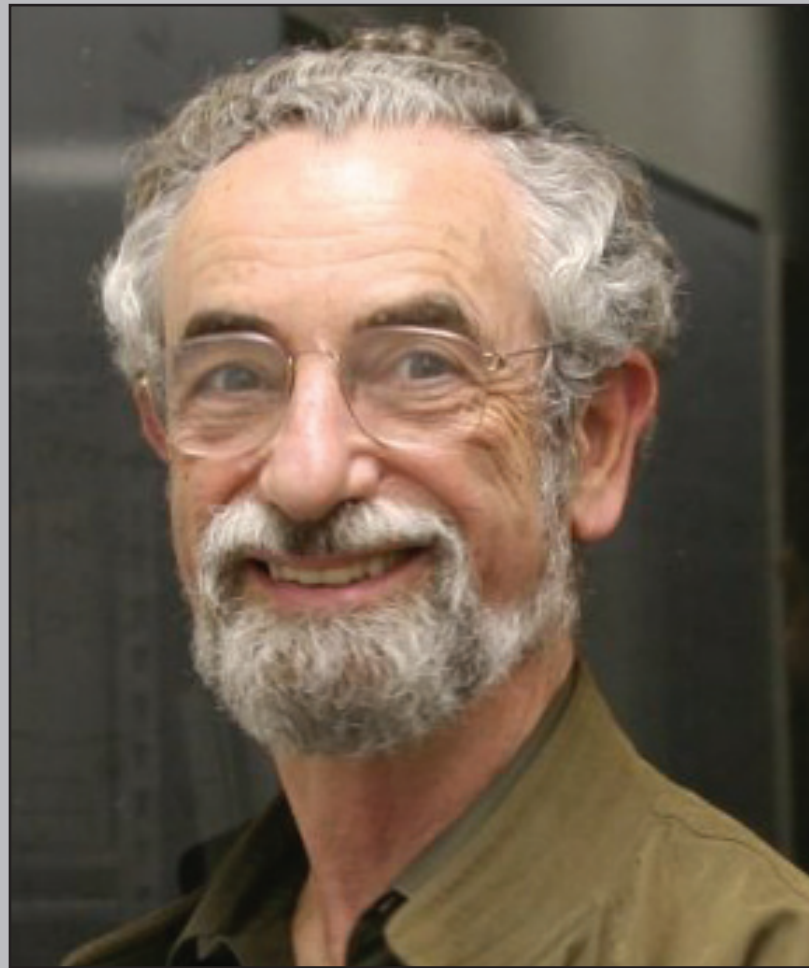


Ahlfors Lectures



Harvard University
Mathematics Department

Elliott H. Lieb
Princeton University

Monday, October 3, 2011

Science Center Hall B 4:15–5:15 pm

Symmetry breaking, reflection positivity and phase transitions

Tuesday, October 4, 2011

Science Center Hall A 4:15–5:15 pm

The Hardy-Littlewood-Sobolev inequality and its generalization to the Heisenberg group

Elliott Lieb has made fundamental contributions to both mathematics and physics. His work on the ice problem, Lieb-Thirring inequalities, Bose gases, and the strong subadditivity of entropy has had a lasting impact on mathematical analysis, combinatorics, statistical and quantum physics, and quantum information theory. Lieb has received many honors, including the Rolf Schock prize from the Swedish Academy of Sciences, the Boltzmann medal of IUPAP, and the Birkhoff prize of the AMS and SIAM.



Lars Ahlfors

Organized by Horng-Tzer Yau and Shing-Tung Yau

William Caspar Graustein Professor of Mathematics
Harvard University, 1946–1977

The Ahlfors Lecture Series is presented by the Harvard University Mathematics Department in memory of our distinguished colleague Professor Lars Ahlfors.

<http://math.harvard.edu/conferences/ahlfors11>