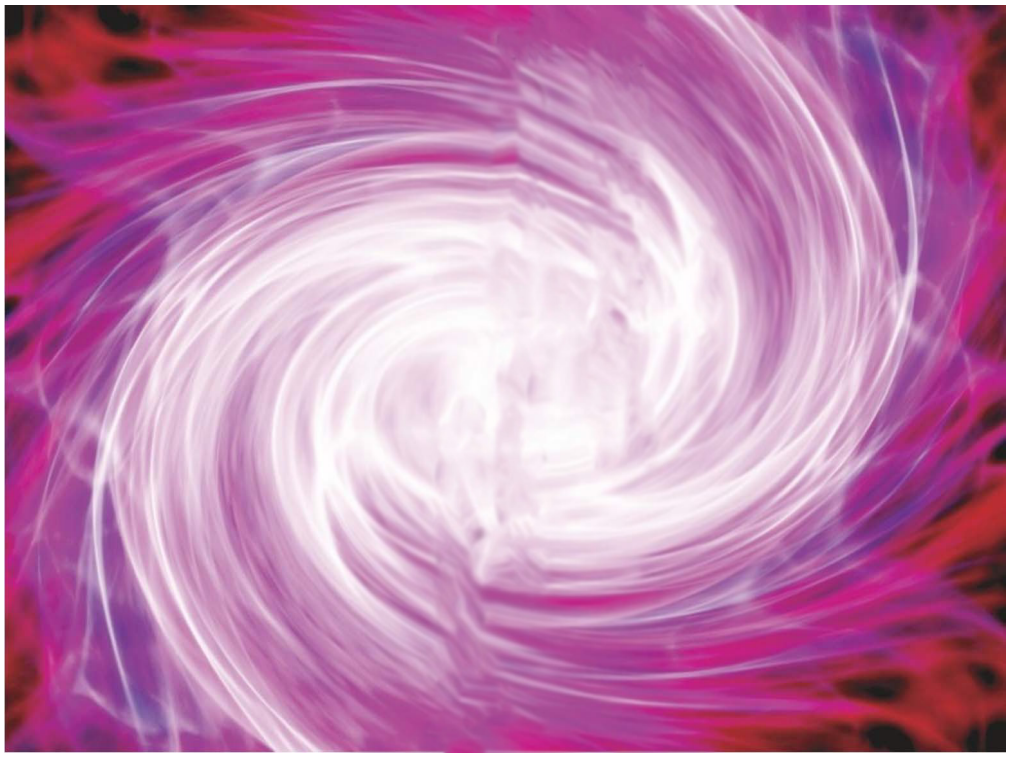
Boston University **Colloquium**



The Energy Revolution

October 2, 2018
Tuesday

3:30 - 4:30 PM
Refreshments at 3:00PM

SCI 109
590 Commonwealth Ave

Mara Prentiss
Harvard University

Calculations show that on average renewable energy can easily provide more than 100% of the total US energy consumption for the foreseeable future. Fortunately, the Carnot efficiency limit on heat burning engines implies that when renewables replace fossil fuels, they only need to provide ~ 50% of the energy contained in the fossil fuels we are using now. Additional opportunities for energy efficiency are also considered.