



UNIVERSITÄT  
HEIDELBERG  
ZUKUNFT  
SEIT 1386



# Improving How Universities Teach Science



**Interactive  
Workshop with  
Nobel Prize Winner  
Carl Wieman**

21/22 October 2018

DAI  
Sophienstraße 12  
and  
Marsilius-Kolleg  
Im Neuenheimer Feld 130.1  
Heidelberg



## Program:

**Sun, 21 October (DAI)**

17:00  
Talk at DAI, Sophienstr. 12 ([www](http://www.dai.uni-heidelberg.de))

**Mon, 22 October (Marsilius-Kolleg)**

10:00-10:30  
Introduction by Carl Wieman

10:30-11:00  
Coffee & informal discussions

11:00-12:30  
Workgroup session I

12:30-14:00  
Lunch & informal discussions

14:00-15:30  
Workgroup session II

15:30-16:00  
Coffee & informal discussions

16:00-17:30  
Workgroup session III

17:30-20:00  
Dinner & informal discussions

## Short bio Carl Wieman:

Carl Wieman is an American physicist at Stanford University. Among many other distinctions, he was awarded the Nobel Prize in Physics in 2001 for the first realization of a Bose-Einstein condensate (with Eric Cornell and Wolfgang Ketterle). He earned his B.S. in 1973 from MIT and his PhD in 1977 from Stanford University. He was at the University of Colorado from 1984 to 2006 as a Distinguished Professor of Physics and Presidential Teaching Scholar. In 2007, he joined the University of British Columbia as the Director of the Carl Wieman Science Education Initiative. Since 2013, he has been at Stanford University with a joint appointment in the physics department and the Graduate School of Education. In the past years, he was involved with efforts at improving science education. The results of his research are presented in his book "[Improving How Universities Teach Science](#)" (Harvard University Press, Cambridge, 2017).