Dear Colleagues,

On Monday, May 2, Nobelist Gerard 't Hooft will lecture on "The Universe Inside the Atom". This lecture will be of interest to a general audience who would like to hear about our current understanding of elementary particles and fundamental forces from one of the most influential theoretical physicists worldwide.

Prof. 't Hooft shared the 1999 Nobel Prize in Physics "For elucidating the quantum structure of electroweak interactions", which opened the way to the contemporary Standard Model of elementary particles and forces. His many penetrating insights into theoretical physics have also deeply influenced current attempts to go beyond the standard model.

Prof. 't Hooft's Nobel prize-winning work with Martinus Veltman forged a special link with Stony Brook, because the theories that they studied were based upon the Yang-Mills theories, created by Stony Brook Emeritus Einstein Professor Chen Ning Yang and Robert Mills in 1954.

I hope you will attend this lecture on Monday, May 2 at 4:30 in Room S-240 of the Math Tower.

Please pass along this information to any students or community members you feel may be interested in attending.

Thank you,

Robert McGrath,
Provost & Executive Vice President for Academic Affairs