This seminar highlights the exciting research frontiers in physics. A leading researcher in our department and neighboring laboratories such as NIST, The National Institute of Standards and Technology, and NASA, the National Aeronautics and Space Administration speaks about his or her research area in each weekly one-hour seminar. There is no text and there are no exams in this seminar. The series of seminars starts with Bill Phillips, 1997 Nobel Prize Laureate in Physics, and ends with Jordan Goodman, Chair, Department of Physics.