“Créativité Sans Frontières”  Harry Kroto  SLC  Wed 5.30-6.30 Oct 1st
In this presentation, “Creativity” is explored phenomenologically - rather than conceptually(!). Examples are taken from across the whole spectrum of human achievement, from the Arts to the Sciences and common factors are explored.

“Wine and Coca Cola: Building a Great Venture on the Ashes of a Failure”  Philip Wyatt  SLC  Wed 5.30-6.30 Oct 8th
Phil describes his 10-year attempt to create the first company to incorporate a laser into a variety of scientific instruments, only to see it fail despite some remarkable achievements and lots of financial help. With no job, and little prospect of one, he and friends toasted the dead company with a shared bottle of wine, but paused to study how it scattered laser light compared to other wines. After experiments with colas and other drinks a new company was launched. The remarkable growth of this 33-year company and the role played by physics is chronicled.

“C₆₀ Buckminsterfullerene: The Celestial Sphere that fell to Earth”  Harry Kroto  SLC  Wed 5.30-6.30 Oct 15th
The discovery of C₆₀ (the “Buckyball”), a cage molecule with the same pattern as a modern soccer ball, is described. Diamond and graphite, the two other forms of carbon, have been known for millennia and yet this third molecular form was only discovered near the end of the 20th Century.

“Science, Society and Responsibility”  Harry Kroto  SLC  Wed 5.30-6.30 Oct 22nd
The fantastic usefulness of science in creating our modern world has obscured the fact that it is intrinsically a cultural concept involving the need for evidence to determine Truth with any degree of reliability. This is responsible for the conflict between many scientists and those who rely on dogma for authority. The ethical issues related to our precarious dependence on technology are also probed.

“The Birth of Natural Philosophy and its Prodigal Son: Science”  Harry Kroto  SLC  Wed 5.30-6.30 Oct 29th
“Common Sense” was needed to survive but often it does not provide the right answers for the way the Universe works. This lecture probes the traumatic events and brave scientists responsible for the difficult birth of Science. To really appreciate a culture one must learn the language and as Galileo pointed out, when the Universe speaks, the language is mathematics.

“Across the Universe: Tales of Mystery and Imagination from the Fascinating World of Modern Physics”  Mark Riley  SLC  Wed 5.30-6.30 Nov 5th
Mark describes exciting recent Physics advances from the discovery of the Higgs Particle, to how the chemical elements we are all made of were created, to the grand mysteries of Dark Matter and Dark Energy. Mark presents these issues at the exciting frontier of our understanding in a way which gives an insight into the excitement that modern physicists feel about these major puzzles.

“Wine and Coca Cola: Building a Great Venture on the Ashes of a Failure”  Philip Wyatt  SLC  Wed 5.30-6.30 Oct 8th
Phil describes his 10-year attempt to create the first company to incorporate a laser into a variety of scientific instruments, only to see it fail despite some remarkable achievements and lots of financial help. With no job, and little prospect of one, he and friends toasted the dead company with a shared bottle of wine, but paused to study how it scattered laser light compared to other wines. After experiments with colas and other drinks a new company was launched. The remarkable growth of this 33-year company and the role played by physics is chronicled.

“The Educational Revolution and the GooYouWiki World”  Harry Kroto  SLC  Wed 5.30-6.30 Nov 12th
The Internet is the second great revolution in education; the first was the invention of the printing press. Not only is information today almost instantaneously locatable and accessible but anyone with expertise and the passion to communicate can contribute to the amazing globally-accessible cache of knowledge.

An Evening with Bill Nye  brought to you by Union Productions and The Golden Tribe Lecture Series.
Harry Kroto  shared the 1996 Nobel Prize in Chemistry for the discovery of buckyballs, the third form of carbon. In 2004 he joined FSU’s Chemistry and Biochemistry Department where he carries out research into advanced functional materials and cluster science as well as improving STEM Education worldwide.
Phil Wyatt is an FSU Alumnus, Graduate of Distinction and CEO of Wyatt Technology Corp.
Mark Riley is the 2014-2015 Robert O. Lawton Distinguished Professor and a member of The Physics Department at FSU. He is currently carrying out state-of-the-art research in fundamental nuclear science.