PRINCETON UNIVERSITY

PPPL PRINCETON PLASMA PHYSICS LABORATORY

U.S. DEPARTMENT OF ENERGY

COLLOQUIUM

Spitzer's 100th: Founding PPPL & Pioneering Work in Fusion Energy

Greg Hammett & Russell Kulsred
Princeton University

Wednesday, Dec 4, 2013 - 4:15PM

MBG AUDITORIUM

Refreshments at 4:00PM

Lyman Spitzer, Jr. made major contributions in several fields of astrophysics, plasma physics, and fusion energy. He invented the novel stellarator concept for confining plasmas for fusion, and was an early proponent of putting telescopes in space. This talk will briefly review some of Spitzer's pioneering contributions in fusion, including a pictorial history from his founding of PPPL to TFTR's achievement of 10 megawatts of fusion power. Prof. Kulsrud will provide some personal stories about his early days of working with Spitzer. We conclude with some interesting ideas being pursued in current fusion research.

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