Colloquium

“Tools Made of Light - An Overview of the Ideas Behind the 2018 Physics Nobel Prize”

Speaker:
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Abstract:
The 2018 Nobel Prize in Physics celebrates the invention of two important tools in optics: the optical tweezers and the chirped-pulse amplification (CPA) technique. The prize is shared by three physicists: Donna Strickland (CPA), Gerard Mourou (CPA), and Arthur Ashkin (optical tweezers). I will give a brief history of the development of tools made of light and provide an overview of the physics behind these latest additions to the light toolbox and their amazingly broad applications in areas ranging from basic research to everyday life.

THURSDAY
December 6
4:15 pm
Jones Physical Science Center Room 409
(Rogers Seminar Room)

Refreshments Served
Everyone Invited

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