The SIBOR and Attosecond group of the Department of Physics and Astronomy of Texas A&M University requests the pleasure of your company at

a workshop at Cook’s Branch*

(Cynthia & George Mitchell Foundation)
on Friday, November 1, 2013

At this year’s workshop we will also celebrate the 80th birthday of Hans Schuessler

Please respond by October 17, 2013

* 7720 149N Montgomery, TX 77316 (map)
http://youtu.be/LJX5gFdNGjc
Directions to Cook’s Branch:

7720 149N Montgomery, TX 77316

From College Station (Google map):
Hwy 6 South to Hwy 105 East (at Navasota)
105 East to Montgomery
Turn right (south) on 149 (S Liberty St. in Montgomery)
Go 6.7 Miles to Cook's Branch entrance
Turn Left into Cook’s Branch

*There is a sign at Cook’s Branch, but it is easy to miss.*
*Follow posted signs to the Pavilion.*
Cook’s Branch

SIBOR – Workshop

Friday, November 1, 2013

Program

Luther church, Laudenbach

Stored Ion and Bio Optical Research Group
Department of Physics and Astronomy
Texas A&M University
http://sibor.physics.tamu.edu
Travel to Cook’s Branch

**David Lee, Nobel Laureate**  
Department of Physics & Astronomy, Texas A&M University  
Luminescence of Oxygen Atoms Stimulated by Metastable Helium Atoms  
at Cryogenic Temperatures

**Marlan Scully, Distinguished Professor**  
Member of the National Academy of Sciences,  
Department of Physics & Astronomy, Texas A&M University  
From masers to lasers and phasors to qasors

**Dimitri Nanopoulos, Distinguished Professor**  
Department of Physics & Astronomy, Texas A&M University  
Hunting the Higgs

**Thomas Udem**  
Group leader, Max Planck Institute of Quantum Optics, Garching Germany  
Precision spectroscopy of one electron ions

**Jens Lassen**  
TRIUMPH, Canada’s national laboratory for particle and nuclear physics  
On-line ionization spectroscopy

**Ralph H. Hill Jr.**  
Institute Scientist, Applied Power Division, Southwest Research Institute  
Fluorescence After Midnight: Real-World Applications for Laser-Induced Fluorescence and Laser Absorption

**Donald F. Schutz**  
President of Geonuclear Inc.  
Tracers in the oil field

**Alexei Sokolov**  
Department of Physics & Astronomy, Texas A&M University  
Remote sensing with femtosecond laser filaments

**Coffee break**

**Davis L. Ford**  
President of Ford Associates, Adjunct Professor at the University of Texas,  
Member of the National Academy of Engineering  
Energy and the environment: Hydraulic fracking of tight oil and gas

**Poster Session**

**Explore Cook’s Branch and find the red woodpecker**

**Dinner**

**Departure**

*We thank Sheridan Lorenz and the Cynthia & George Mitchell Foundation for hosting this workshop.*