

# SMART (Science Meets Art) Festival

## Friday, October 25, 2013 @ LITE CENTER (537 Cajundome Blvd.)

- 6:00 pm** "Science and Music of Theremin" – THEATER  
presented by Bobby Skinner and Juliette Ioup (University of New Orleans)  
*Gershwin "Summertime"*  
*Bach "Bist Du bei Mir"*  
*Raksin's "Laura"*
- 7:00 pm** Festival opening by the Provost Dr. Bradd Clark –THEATER
- 7:15 pm** Keynote lecture by Dr. Lawrence Krauss – THEATER  
*"The Hidden Universe: The Mysterious Allure of Extra Dimensions"*
- Reception immediately following the lecture – LOBBY  
Book signing with Dr. Krauss – LOBBY – Barnes&Nobles representative will be selling Dr. Krauss' books:  
*A Universe from Nothing, Hiding in the Mirror, Quantum Man, and the Physics of Star Trek.*

## **Saturday, October 26 @LITE**

### THEATRE EVENTS

- 12:00- 12:30** Pixel Magic Theatre's Ray Macintyre speaks on post- production of Chronicles of Narnia
- 12:30- 12:45** Pixel Magic Q&A
- 1:00- 1:30** LITE team goes behind the scenes of game development and Gaming for Training – 3D Art and Animation
- 1:30- 1:45** LITE Q&A
- 2:00- 2:30** Short film, "In the Mind of the Maker", Charles Richard
- 2:30- 2:45** Charles Richard Q&A
- 3:00- 3:20** "The Darkness that Binds Us" with James Dent, Department of Physics
- 3:20- 3:45** James Dent Q&A

## **ATRIUM (2<sup>ND</sup> FLOOR)**

**12-3 pm** “*Music and Science of Theremin*” with B. Skinner and J. Ioup, University of New Orleans

## **EXECUTIVE CONFERENCE ROOM (EC) EVENTS (2-nd floor)**

**12:00- 12:20** “Chicxulub Impact: Dinosaur Killer?” by Carl Richter, School of Geosciences

**12:20- 12:45** Carl Richter Q&A

**1:00- 1:20** “How Not to Burn the Brownies – Explained” by Eric R. Taylor, Department of Chemistry

**1:20- 1:45** Eric Taylor Q&A

**2:00- 2:20** “Two sides of the same coin: Art & Science in Education” by Paul Baker, Headmaster, Episcopal School of Acadiana

**2:20- 2:45** Paul Baker Q&A

**3:00- 3:30** Jerry McGuire: “There's Nothing Like 'Like': On the Common Sources of Math and Poetry”  
Clai Rice: “How Poetry Moves Us”

**3:30- 3:45** Jerry & Clai Q&A

## **MUSEUM SHOWCASE (1<sup>ST</sup> floor and LITE plaza)**

Mirror Drawing Challenge: Can you draw like Da Vinci?

Cyanotypes: Use the sun to create a photograph-like image

Color theory project: Can you paint the visible color spectrum?

Atmospheric Perspective Drawings: learn to create depth on a two-dimensional surface

Invisible writing project: learn to write secret notes and then decipher them

## **BIOLOGY SHOWCASE (LITE PLAZA)**

Beauty and the Beast: Beautiful Creatures of the Sea and Crawling Snails.

The Power of Plants

## **CHEMISTRY SHOWCASE (LITE PLAZA)**

Liquid Nitrogen Bomb

What does liquid nitrogen do to objects around us?

**Making Iron: Can You Convert Rust Back to Iron?**

How are sugars converted into useable energy for your body?  
Slime: Make it Yourself

### **GEOLOGY SHOWCASE (FLEX ROOM, 2<sup>nd</sup> floor)**

Cross- Polarized light show: rock thin sections

### **MATHEMATICS SHOWCASE (FLEX ROOM, 2<sup>nd</sup> floor)**

“Exploring Mathematical Topics Through Visualization and Spatial Sensing”

### **PHYSICS SHOWCASE (1<sup>st</sup> floor and LITE PLAZA)**

What is Vacuum?

The “butterfly wing” effect

Dancing Wire – the basics of an electro-motor

Magnetic Levitation by Electromagnetic Induction: Discover what it means

Polarizers: How do you sunglasses work?

Magnetic Field and Electrons: Can we see them?

## **Saturday, October 26 @ the Hilliard University Art Museum**

**10- 12 pm**     *Earth as Art*, talk with the scientists

**11 am**             Gallery talk with *Intimate Science* curator, Andrea Grover of the Parish Art Museum in Long Island, NY