

Interdisciplinary Research Institute for the Sciences (IRIS)

The Fourth Annual Meeting

Organizer: Sean Murray and Yen Duong

Monday, May 12, 2014

LO1326

COFFEE AND PASTRIES

8:45am

WELCOMING REMARKS

9:00am

Sean Murray and Rabia Djellouli

PRESENTATIONS

09:05am Emmanuel Yomba

Dissipative Solitons in Generalized Coupled Cubic-Quintic Ginzburg-Landau Equations

09:30am Daniel Curtis

Overview of Research

09:50am David Quintero

Development of a Protease Inhibitor Assay for Assessing the Ability to Co-express Antitumor Proteins by Tumor-Targeted Bacteria

10:10am Cristina Cadavid

Heating Mechanisms for Intermittent Loops in the Solar Corona

COFFEE BREAK

10:35am

10:45pm Dayanthie Weerante

Overview of Research

11:05am Shannon Wood

Bacterial Response to Fatty Acid Starvation: a Three-Component Model Found in *Caulobacter Crescentus*
Shallow Water Flows on Channels with Irregular Geometry with Wet-Dry States

11:25am Jorge Balbas

11:50pm Simon Garrett

Corrosion of Metallic Glasses

12:15pm David Klein

Overview of Research

12:35pm Jussi Eloranta

Quantum Phase Transition in Small Helium Droplets

LUNCH

1:00pm

Orange Grove Bistro

ADJOURN