

# Spontaneous Coherence and Collective Dynamics

Eric R Bittner & Carlos Silva

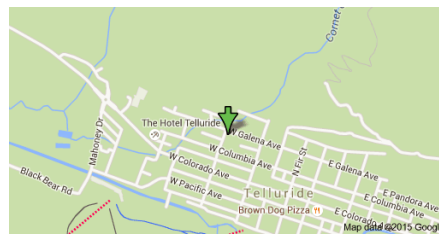
07/20/2015 - 07/24/2015

## Organizers and Important Contacts

Eric R Bittner	University of Houston	bittner@uh.edu	832-316-0381
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Mark Kozak	TSRC		970-708-4426

## Meeting Venue

Telluride Elementary School, 447 West Columbia Ave Telluride CO 81435



## Format

- We will have a series of 30 min talks followed by 15 minutes of discussion (or there about). Morning talks will commence at 0930 following breakfast at the site. Afternoon talks will commence at 1400.
- Talks on Tuesday need to be finished to allow participants to make it to the Telluride Town Talk, which will be in Mountain Village at 1800. Similarly, talks on Wednesday need to finish in time for participants to go to the TSRC picnic. The location of the picnic will be announced on Wednesday.
- Thursday morning is open for a group hike.

# 1 Meeting Schedule

Time	Monday 2015-07-20 Mon	Tuesday 2015-07-21 Tue	Wednesday 2015-07-22 Wed	Thursday 2015-07-23 Thu	Friday 2015-07-24 Fri	Saturday 2015-07-25 Sat
0900 0930	Breakfast	Breakfast Plasmons Keith Nelson Andrei Piryatinski	Breakfast Polariton Condensation 1 Jonathan Keeling Peter Kiton Ronin Rapaport	Breakfast Group hike	Breakfast Novel systems Natalie Stingelin Sergei Tretiak	
Noon 1400	Welcome Coherent Dynamics Greg Scholes Eric Bittner	2D Spectroscopy Andrew Marcus Carlos Silva Hao Li Pascal Gregoire	Polariton Condensation 2 Mark Steger Alexander Edelman Ryo Hanai	Electronic Dynamics Felix Thouin Kush Patel Vladimir Lankevich	End of conference	
Evening	Open	Town Talk (1800)	TSRC Picnic	Open		

## 2 Titles of talks

We would like to ask participants to upload a PDF copy of their presentation to a common Dropbox to be shared with other participants. This has been a tradition of previous TSRC workshops on this topic and we would like to add yours to the archive.

- Monday July 20 Afternoon Coherent Dynamics
  - Greg Scholes, Princeton University  
*Coherence and excitons in photosynthetic light harvesting*
  - Eric Bittner, University of Houston  
*Role of quantum tunneling, delocalization, and spin statistics in organic photovoltaics*
- Tuesday July 21 Morning: Surface Plasmons
  - Keith Nelson, MIT  
*title*
  - Andrei Piryatinski, LANL  
*title*
- Tuesday July 21 Afternoon: Multidimensional Spectroscopy
  - Andrew Marcus, University of Oregon  
*title*
  - Carlos Silva, University of Montreal  
*title*
  - Hao Li, University of Houston  
*Hot exciton dissociation in photovoltaic conversion in organic solar cells*
  - Pascal Gregoire, Universite de Montreal  
*title*
- Wednesday July 22 Morning: Polariton BEC 1

- Jonathan Keeling, Univ. of St. Andrews  
*title*
- Peter Kirton, Univ of St. Andrews  
*title*
- Ronin Rapaport, Hebrew Univ.  
*title*
- Wednesday 22 July Afternoon: Polariton BEC 2
  - Mark Steger, Univ. of Pittsburgh  
*title*
  - Alexander Edelman, University of Chicago  
*title*
  - Ryo Hanai, Keio University  
*title*
- Thursday 23 July Morning: Group Hike (TBA)
- Thursday 23 July Afternoon: Electronic Dynamics & Spectroscopy
  - Felix Thouin, Udm  
*title*
  - Kush Patel, Univ. of Houston  
*title*
  - Vladimir Lankevich, Univ. of Houston  
*title*
- Friday 24 July Morning: Novel systems
  - Natalie Stingelin, Imperial College London  
*title*
  - Sergie Tretiak, Los Alamos National Lab  
*A few roadblocks toward efficient perovskite photovoltaics*

### 3 List of registered participants and speakers

Eric Bittner	UNIV OF HOUSTON	bittner@UH.EDU
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