**Date:**

06/27/2011 - 8:30am to 06/29/2011 - 6:30pm

**General Information**:

* Location: RIT 70-1455, and 78-2015 ([Google Map](http://ccrg.rit.edu/contact)).
* Organizers: Manuela Campanelli, Scott Noble, Yosef Zlochower (RIT), Julian Krolik (JHU)
* Participants: By invitation only.
* Administrative Assistance: Mayank Bindal ([mxb6802@rit.edu](mailto:mxb6802@rit.edu) <[mailto:mxb6802@rit.edu>](mailto:mxb6802@rit.edu%3E)). Do not hesitate to contact us via phone (585-475-5298) or email for any questions.
* Sponsors: NSF [AST-1028087](http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=1028087) / [10228111](http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=1028111)
* [Internal Projects Wiki](http://ccrg.rit.edu/~BBHdisk/wiki/Main_Page)

**Schedule**:

**Monday June 27 ( RIT 70-1455)**

08:45 AM Manuela Campanelli - Introduction

09:00 AM Julian Krolik - Project Overview (Black-Hole Binaries in their Astrophysical Context and the Pre-Merger Stage)

09:50 AM Jiming Shi - Newtonian MHD Simulations of Circumbinary Disks

10:30 AM BREAK

10:40 AM John Hawley - Numerical Aspects of MHD simulations

11:30 AM Jeremy Schnittman - Ray Tracing

12:10 PM   Adam Frank -- AstroBear and AMR

12:35 LUNCH

14:00 PM Carlos Lousto - Gravitational Radiation Recoils

14:40 PM Joshua Faber - SPH simulations of Kicked Disks

15:20  PM Xiaoyue Guan - Dynamics of Gas Orbiting Obliquely Around Spinning Black Holes

15:50 PM BREAK

16:00 PM Round-Table Discussion

**Tuesday June 28 ( RIT 70-1455)**

09:00 AM Manuela Campanelli - Project Overview (Relativistic Merger of Binary Black Holes)

09:50 AM Scott Noble - Relativistic MHD Simulations of Circumbinary Disks

10:30 AM BREAK

10:40 AM Nicholas Yunes - Post-Newtonian (PN) Approach to the Black-Hole Binary Inspirals

11:30 AM Hiroyuki Nakano - Implementation Aspects of the PN BBH spacetime approach.

12:10 PM LUNCH

14:00 PM Bruno Mundim - Full GRMHD and The Einstein Toolkit

14:40 PM Yosef Zlochower - GRHD simulations of Circumbinary Disks

15:20 PM Marcelo Ponce - Brill-Wave in Circumbinary Disks

15:50 PM BREAK

16:00 PM Round-Table Discussion