

Black Holes in String Theory Workshop Program

October 7 - 17, 2013
Lecture Room: #340 West Hall

Monday, October 7th

3481 RANDALL LABORATORY

10:00 AM Discussions with Refreshments

340 WEST HALL

12:00 - 1:00 PM Samir Mathur (Ohio State University)

A Pedagogical Introduction to the Black Hole Information Paradox I

1:30 - 2:30 PM Michael Duff (Imperial College, UK)

Black holes admitting a Freundenthal dual

3481 RANDALL LABORATORY

2:30 PM Discussions with Refreshments

Tuesday, October 8th

3481 RANDALL LABORATORY

10:00 AM Discussions with Refreshments

340 WEST HALL

12:00 - 1:00 PM Samir Mathur (Ohio State University)

A Pedagogical Introduction to the Black Hole Information Paradox II

1:30 - 2:30 PM James Sully (SLAC)

A Pedagogical Introduction to Firewalls

3481 RANDALL LABORATORY

2:30 PM Discussions with Refreshments

3:00 PM Kerr/CFT Group Discussions

Wednesday, October 9th

3481 RANDALL LABORATORY

10:00 AM Discussions with Refreshments

340 WEST HALL

12:00 - 1:00 PM Samir Mathur (Ohio State University)

A Pedagogical Introduction to the Black Hole Information Paradox III

1:30 - 2:30 PM Geoffrey Compère (Harvard)

Seed for General Rotating Black Holes of N=8 Supergravity

337 WEST HALL (Across the hall from lecture room)

2:30 PM Discussions with Refreshments

340 WEST HALL

3:00 - 4:00 PM Wei Song (Princeton University) *Thermodynamics of Higher Spin Black Holes*

Department of Physics Colloquium (340 WEST HALL)

4:00 - 5:00 PM Leo Pando Zayas (Michigan) *Four Impressions from the Gauge/String Duality*

Thursday, October 10th

337 WEST HALL (Across the hall from lecture room)

9:00 AM Hot breakfast

340 WEST HALL

10:00 - 11:00 AM Bartek Czech (Stanford) *A Hole in Holography*

11:00 - 12:00 PM Iosif Bena (CEA Saclay) *Black Hole Microstate Geometries and their Hovering Mechanism*

12:00 - 1:30 PM LUNCH

340 WEST HALL

1:30 - 2:30 PM Juan Maldacena (Institute for Advanced Study) *Entanglement and Geometry*

2:30 - 3:30 PM Andrea Puhm (UC Santa Barbara) *Non-Extremality from Metastability ?*

337 WEST HALL (Across the hall from lecture room)

3:30 PM Coffee Break

340 WEST HALL

4:00 - 5:00 PM David Turton (Ohio State University) *From BPS to non-BPS Black Hole Microstates*

Friday, October 11th

337 WEST HALL (Across the hall from lecture room)

9:00 AM Hot breakfast

340 WEST HALL

10:00 - 11:00 AM Joan Simon (University of Edinburgh) *Typicality in QM and CFT*

11:00 - 12:00 PM Juan Maldacena (Institute for Advanced Study) *ER=EPR*

12:00 - 1:30 PM LUNCH

340 WEST HALL

1:30 - 2:30 PM Cynthia Keeler (Michigan) *Partition Functions in Even Dimensional AdS via Quasinormal Mode Methods*

2:30 - 3:30 PM Tom Hartman (KITP) *Entanglement and Geometry in 2d CFT*

337 WEST HALL (Across the hall from lecture room)

3:30 PM Coffee Break

340 WEST HALL

4:00 - 5:00 PM Herman Verlinde (Princeton University)

Black Hole Information and Topological Entanglement

6:00 PM SOCIAL DINNER AT LARSEN'S HOME

Saturday, October 12th (WILL NEED TO USE SPECIFIC ENTRANCES FOR BUILDING ACCESS)

337 WEST HALL (Across the hall from lecture room)

9:00 AM Hot breakfast

340 WEST HALL

10:00 - 11:00 AM Mirjam Cvetič (University of Pennsylvania)

Conformal Symmetry of General Black Holes

11:00 - 12:00 PM Maria Rodriguez (Harvard University)

Black Hole Scattering

12:00 - 1:30 PM LUNCH

340 WEST HALL

1:30 - 2:30 PM Borun Chowdhury (Arizona State University)

What Do Bell Measurements Have To Do With (the lack of) Infall?

2:30 - 3:30 PM Amanda Peet (University of Toronto)

Aspects of D1-D5 SCFT near the orbifold point: string state operator mixing and twist-nontwist correlators - part I

337 WEST HALL (Across the hall from lecture room)

3:30 PM Coffee Break

340 WEST HALL

4:00 - 5:00 PM Ida Zadeh (Brandeis University)

Aspects of D1-D5 SCFT near the orbifold point: string state operator mixing and twist-nontwist correlators - part II

Sunday, October 13th (WILL NEED TO USE SPECIFIC ENTRANCES FOR BUILDING ACCESS)

12:00 PM LUNCH (group lunch at local restaurant)

3481 RANDALL LABORATORY

2:00-4:00 PM Informal Discussions

Monday, October 14th

3481 RANDALL LABORATORY

10:00 AM Discussions with Refreshments

340 WEST HALL

12:00 - 1:00 PM Niels Obers (Copenhagen University)

Blackfolds: An Effective Worldvolume Theory for Black Branes

1:30 - 2:30 PM Jan de Boer (University of Amsterdam)

Entropy in Higher Spin Theories (1st talk)

3481 RANDALL LABORATORY

2:30 PM Discussions with Refreshments

Tuesday, October 15th

3481 RANDALL LABORATORY

10:00 AM Discussions with Refreshments

340 WEST HALL

12:00 - 1:00 PM Niels Obers (Copenhagen University)

Blackfolds: An Effective Worldvolume Theory for Black Branes

1:30 - 2:30 PM Jan de Boer (University of Amsterdam)

The Entropy of a Hole in Spacetime

3481 RANDALL LABORATORY

2:30 PM Discussions with Refreshments

Wednesday, October 16th

3481 RANDALL LABORATORY

10:00 AM Discussions with Refreshments

340 WEST HALL

12:00 - 1:00 PM Ahmed Almheiri (UCSB)

2D is Fire Free

3481 RANDALL LABORATORY

2:30 PM Discussions with Refreshments

Thursday, October 17th

3481 RANDALL LABORATORY

10:00 AM Discussions with Refreshments