

# **Black-Hole Ringdown Workshop**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Introduction

*Monday, February 7, 2022 9:00 AM (30 minutes)*

**Presenter:** ISI, Max (Center for Computational Astrophysics)

Contribution ID: 2

Type: **not specified**

## Review: Ringdowns

*Monday, February 7, 2022 9:30 AM (45 minutes)*

**Presenter:** TEUKOLSKY, Saul (Cornell University and California Institute of Technology)

Contribution ID: 3

Type: **not specified**

## Review: Numerics

*Monday, February 7, 2022 10:15 AM (45 minutes)*

**Presenter:** STEIN, Leo (University of Mississippi)

Contribution ID: 4

Type: **not specified**

## Review: Data Analysis

*Monday, February 7, 2022 11:20 AM (45 minutes)*

**Presenter:** FARR, Will (Center for Computational Astrophysics)

Contribution ID: 5

Type: **not specified**

## **Discussion: What is the physical picture?**

*Monday, February 7, 2022 1:30 PM (1h 30m)*

**Presenter:** ZIMMERMAN, Aaron (University of Texas at Austin)

Contribution ID: 6

Type: **not specified**

## **Discussion: Why does the merger look linear?**

*Monday, February 7, 2022 3:20 PM (1h 30m)*

**Presenter:** CHEN, Yanbei (California Institute of Technology)

Contribution ID: 7

Type: **not specified**

## **Discussion: Ringdown non-linearities and instabilities?**

*Tuesday, February 8, 2022 9:00 AM (1h 30m)*

**Presenter:** LEHNER, Luis (Perimeter Institute)



Contribution ID: 8

Type: **not specified**

## **Discussion: What can we learn from Ringdowns beyond Kerr?**

*Tuesday, February 8, 2022 10:50 AM (1h 30m)*

**Presenter:** PANI, Paolo (Sapienza University of Rome)

Contribution ID: 9

Type: **not specified**

## **Discussion: How do we parameterize ringdowns?**

*Tuesday, February 8, 2022 1:30 PM (1h 30m)*

**Presenter:** FARR, Will (Center for Computational Astrophysics)

Contribution ID: **10**

Type: **not specified**

## **Discussion:How do we fit observations?**

*Tuesday, February 8, 2022 3:20 PM (1h 30m)*

**Presenter:** MOORE, Chris (University of Birmingham)

Contribution ID: 11

Type: **not specified**

## **Discussion: What does it mean to detect a mode?**

*Wednesday, February 9, 2022 9:00 AM (1h 30m)*

**Presenter:** ISI, Max (Center for Computational Astrophysics)

Contribution ID: 12

Type: **not specified**

## Discussion: What have the data told us?

*Wednesday, February 9, 2022 10:50 AM (1h 30m)*

**Presenter:** CAPANO , Collin (U of Mass Dartmouth & Albert Einstein Institute)

Contribution ID: 13

Type: **not specified**

## Discussion: Ringdown Code Demos

*Wednesday, February 9, 2022 1:30 PM (1h 30m)*

Contribution ID: 14

Type: **not specified**

## Discussion: Ringdown Code Playtime

*Wednesday, February 9, 2022 3:20 PM (1h 30m)*

Contribution ID: 15

Type: **not specified**

## Open Questions

*Monday, February 7, 2022 12:05 PM (15 minutes)*

**Presenter:** ISI, Max (Center for Computational Astrophysics)