



# KEK-PH Lectures and Workshops 2021

## Tuesday, October 19, 2021

### The KEK-PH + KEK-Cosmo joint workshop on "Primordial Black Holes": Short talks (1:00 PM - 4:00 PM)

-Conveners: Kazunori Kohri

| time    | [id] title   | presenter              |
|---------|--|------------------------|
| 1:30☒PM | [9] Primordial Black Holes from Long-Range Scalar Forces and Scalar Radiative Cooling                            | Mr FLORES, Marcos      |
| 2:00☒PM | [18] Primordial black holes in peak theory with a non-Gaussian tail  | Dr TADA, Yuichiro      |
| 2:30☒PM | [19] Spins of primordial black holes formed in the radiation-dominated phase of the universe: first-order effect | Prof. HARADA, Tomohiro |
| 3:00☒PM | [20] Ultrahigh-energy Gamma Rays and Gravitational Waves from Primordial Exotic Stellar Bubbles                  | Mr DING , Qianhang     |
| 3:30 PM | Break  |                        |

### The KEK-PH + KEK-Cosmo joint workshop on "Primordial Black Holes": 1st Invited Talk (4:00 PM - 6:00 PM)

-Conveners: Mukaida Kyohei

| time    | [id] title   | presenter                |
|---------|--|--------------------------|
| 4:00☒PM | [6] Primordial Black Holes and Gravitational Wave Observations | Dr FRANCIOLINI, Gabriele |

# Wednesday, October 20, 2021

The KEK-PH + KEK-Cosmo joint workshop on "Primordial Black Holes": 2nd Invited Talk (4:00 PM - 6:00 PM)

-Conveners: Kazunori KOHRI

| time         | [id] title   | presenter            |
|--------------|--|----------------------|
| 4:00-5:00 PM | [8] Primordial black holes as a LIGO-Virgo and dark matter candidate | Dr BYRNES, Christian |