

# **Exotic Hadrons in Vacuum & Matter**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# What do the KEK E325 data tell about the $\phi$ -meson in nuclear matter?

*Thursday, 2 March 2023 09:30 (30 minutes)*

**Primary author:** GUBLER, Philipp (JAEA)

**Presenter:** GUBLER, Philipp (JAEA)

**Session Classification:** Session 1

Contribution ID: 2

Type: **not specified**

# Charmed pentaquarks as a hadronic molecule

*Thursday, 2 March 2023 10:00 (30 minutes)*

**Primary author:** YAMAGUCHI, Yasuhiro (Nagoya University)

**Presenter:** YAMAGUCHI, Yasuhiro (Nagoya University)

**Session Classification:** Session 1

Contribution ID: 5

Type: **not specified**

## **Exotics: structures and their production in heavy ion collisions**

*Thursday, 2 March 2023 13:30 (30 minutes)*

**Primary author:** LEE, Su Houng (Yonsei University)

**Presenter:** LEE, Su Houng (Yonsei University)

**Session Classification:** Session 3

Contribution ID: 6

Type: **not specified**

## **Study of in-medium modification of phi mesons inside the nucleus through $K^+K^-$ decays**

*Thursday, 2 March 2023 14:00 (30 minutes)*

**Primary author:** SAKO, Hiroyuki (JAEA)

**Presenter:** SAKO, Hiroyuki (JAEA)

**Session Classification:** Session 3

Contribution ID: 7

Type: **not specified**

## Disentangling the X(3872) with Tcc

*Thursday, 2 March 2023 15:00 (30 minutes)*

**Primary author:** WANG, Guang-Juan (KEK)

**Presenter:** WANG, Guang-Juan (KEK)

**Session Classification:** Session 4

Contribution ID: 8

Type: **not specified**

## **Study of meson properties and structure in the light-front quark model and the quark-meson coupling**

*Thursday, 2 March 2023 15:30 (30 minutes)*

**Primary author:** ARIFI, Ahmad Jafar (APCTP)

**Presenter:** ARIFI, Ahmad Jafar (APCTP)

**Session Classification:** Session 4

Contribution ID: 9

Type: **not specified**

## **Disentangling polarization of the $\phi$ meson through hadronic and electronic decay**

*Thursday, 2 March 2023 11:00 (30 minutes)*

**Primary author:** PARK, In Woo (Yonsei University)

**Presenter:** PARK, In Woo (Yonsei University)

**Session Classification:** Session 2



Contribution ID: 10

Type: **not specified**

## Measurement of $\phi$ -meson spectral change in medium in pA reactions at J-PARC

*Thursday, 2 March 2023 11:30 (30 minutes)*

**Primary author:** NAKASUGA, Satomi (Kyoto University/JAEA)

**Presenter:** NAKASUGA, Satomi (Kyoto University/JAEA)

**Session Classification:** Session 2