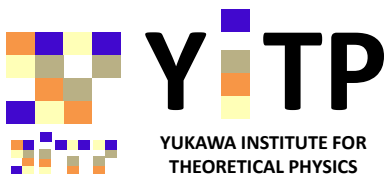


YIPQS long-term workshop
**“Mean-field and Cluster Dynamics
in Nuclear Systems 2022 (MCD2022)”**

9 May – 17 June, 2022

Onsite venue	Panasonic Hall at Yukawa Institute for Theoretical Physics, Kyoto University Access: https://www.yukawa.kyoto-u.ac.jp/en-GB/contents/guide/map (indicated as “Yukawa Hall”)
Online venue	Zoom See another PDF file or ask LOCs for Zoom URL



Yukawa Institute for Theoretical Physics, Kyoto University
Kitashirakawa Oiwakecho, Sakyo-ku, Kyoto 606-8502 Japan
TEL: +81-75-753-7000 | mcd2022@yukawa.kyoto-u.ac.jp |
www2.yukawa.kyoto-u.ac.jp/~mcd2022/

June 2 (Thursday)

Time: JST = UTC+9

Afternoon session

Chair: Yutaka Utsuno (JAEA)

13:30—15:00
(90 min.)

Jason Holt
(TRIUMF)

“Global ab initio calculations for the structure of exotic and heavy nuclei”

Break

Chair: Jason Holt (TRIUMF)

Online

16:00—17:30
(90 min.)

Furong Xu
(Beijing)

Invited presentation

“First-principles Gamow shell model and application to nuclei around dripline”

June 3 (Friday)

Time: JST = UTC+9

Morning session

Chair: Takashi Nakatsukasa (Tsukuba)

Online

10:00—11:30
(90 min.)

Calvin Johnson
(San Diego State)

“The shell model and beyond”

Afternoon session

Chair: Dario Vretenar (Zagreb)

13:30—15:00
(90 min.)

Yusuke Tsunoda
(Tsukuba)

Invited presentation

“Structure of medium-mass nuclei studied by Monte Carlo shell model and quasi-particle vacua shell model calculations”