

The 5th workshop on nuclear mass table with DRHBc theory

Monday, 29 August 2022 - Wednesday, 31 August 2022

APCTP Headquarters, Pohang, Korea

Scientific Programme

Aug. 29 (Mon.) onsite, domestic (30+20 minutes for each group)

14:00 - 14:50 Seonghyun Kim (SSU): Current status - from Pb to Th

14:50 - 15:40 Panagiota Papakonstantinou (IBS): Current status - from Oxygen to Calcium

15:40 - 16:00 break

16:00 - 16:50 Yong-Beom Choi (PNU): Current status - from Hf to Hg

16:50 - 17:40 Qiang Zhao (IBS): Current status - from Mo to Sn

Aug. 30 (Tue.) on-line & off-line (20+5 minutes for each group)

Chair: Myung-Ki Cheoun (SSU)

09:00 - 09:20 (KST) Chang-Hwan Lee (PNU) & Jie Meng (PKU): Opening remarks

09:20 - 10:00 (KST) Cong Pan (PKU) Overview of the present progresses

10:00 – 11:15 (KST) G-1, 2, 3

Chair: Myung-Ki Cheoun (SSU)

10:00 - 10:25 Panagiota Papakonstantinou (IBS)

10:25 - 10:50 Ruyou Zheng (Beihang U.)

10:50 - 11:15 Xuwei Xia (SICNU)

11:15 – 11:35 (KST) break

11:35 – 12:25 (KST) G-4, 5

Chair: Shuangquan Zhang (PKU)

11:35 - 12:00 Qiang ZHAO (CENS, IBS)

12:00 - 12:25 Cong Pan (PKU) and Xiaohua Fan (SWU)

12:00 - 12:25

14:00 – 15:15 (KST) G-6, 7, 8

Chair: Myeong-Hwan Mun (SSU)

14:00 - 14:25 Yiu To Chung Martin (Hong Kong U.)

14:25 - 14:50 Yong-Beom Choi (PNU)

14:50 - 15:15 Seonghyun Kim (Soongsil U.)

15:15 – 15:35 (KST) break

15:35 – 16:50 (KST) G-9, 10, 11

Chair: Jenny Lee (HKU)

15:35 - 16:00 Wei Zhang (Zhengzhou U.)

16:00 - 16:25 Jiawei Wu (NUAA)

16:25 - 17:00 Kaiyuan Zhang (CAEP)

17:10 – 18:00 (KST) Discussion

Groups

G-1: From O ($Z = 8$) to Ca ($Z = 20$) isotopes

G-2: From Ca ($Z = 22$) to Zn ($Z = 30$) isotopes

G-3: From Ge ($Z = 32$) to Zr ($Z = 40$) isotopes

G-4: From Mo ($Z = 42$) to Sn ($Z = 50$) isotopes

G-5: From Te ($Z = 52$) to Nd ($Z = 60$) isotopes

G-6: From Sm ($Z = 62$) to Yb ($Z = 70$) isotopes

G-7: From Hf ($Z = 72$) to Hg ($Z = 80$) isotopes

G-8: From Pb ($Z = 82$) to Th ($Z = 90$) isotopes

G-9: From U ($Z = 92$) to Fm ($Z = 100$) isotopes

G-10 From No ($Z = 102$) to Ds ($Z = 110$) isotopes

G-11 From Cn ($Z = 112$) to ($Z = 120$) isotopes

Aug. 31 (Wed.) onsite, domestic

10:00 - 12:00 Kyungil Kim (IBS) Sensitivity study in r-process

13:30 - 15:00 Discussion