

<b>Session Title:</b>	<b>[Mo3C] Trapped Ions and Interfaces</b>
<b>Session Date:</b>	<b>August 5 (Mon.), 2024</b>
<b>Session Time:</b>	<b>15:15-16:45</b>
<b>Session Room:</b>	<b>Room C (107-109)</b>
<b>Session Chairs</b>	<b>TBA</b>

**[Mo3C-1] [Invited]** **15:15-15:45**

**Toward Realizing Quantum Advantage with Trapped Ions**

Kihwan Kim (Tsinghua Univ., China)

**[Mo3C-2] [Invited]** **15:45-16:15**

TBA

TBA

**[Mo3C-3]** **16:15-16:30**

**Third-Order Exceptional Point in an Ion-Cavity System**

Jinuk Kim (KRISS, Korea), Taegyung Ha, Donggeon Kim, Dowon Lee, Ki-Se Lee, Jongcheol Won, Youngil Moon, and Moonjoo Lee (POSTECH, Korea)

**[Mo3C-4]** **16:30-16:45**

**Experimental Implementation of Single-shot Joint Parity Measurement for Quantum State Tomography of Phonon Modes of a Trapped Ion**

Honggi Jeon, Jiyong Kang, Jaeun Kim, Wonhyeong Choi, Kyunghye Kim, Jaehun You, and Taehyun Kim (Seoul Nat'l Univ., Korea)