

Poster Sessions

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2021 KPS Spring Meeting April 21-23, 2021 Virtual Conference

- Particle physics
- Statistical physics
- Atomic & molecular physics
- Special session
- Nuclear physics
- Physics teaching
- Semiconductor physics
- Condensed matter physics
- Plasma physics
- Astrophysics
- Applied physics
- Optics and quantum electronics
- Biological physics

How to View the Poster Session

Presentation : April 19, 12:00 – April 23, 18:00

On-line Discussion(mandatory): April 21, 16:00-16:50 & April 23, 14:00-14:50

P1-pa.1 Accelerator-based particle physics experiments	P1-pa.2 Non-accelerator-based particle physics experiments	P1-nu Nuclear Physics	P1-co.1 Magnetism/Supersuperconductivity	P1-co.2 Strongly Correlated/Dielectric/Functional Oxides	P1-co.3 Nano-Meso/Surface-Interface	P1-co.4 Computational Physics	P1-co.5 Other condensed materials/Instruments
P1-ap.1 2D materials	P1-ap.2 Nano, surface, and interface	P1-ap.3 Magnetism, Oxide, Energy, and Computational	P1-ap.4 Quantum, Organic, and Bio	P1-ap.5 Photonics	P1-st Statistical physics	P1-te Methods and Approaches in Physics Education	P1-pl.1 Plasma physics I
P1-pl.2 Plasma physics II	P1-op Optics and Quantum Electronics	P1-at Atoms and Molecules	P1-se.1 Semiconductor physics I	P1-se.2 Semiconductor physics II	P1-as Astrophysics Experiments/Observations	P1-bp Biophysics	

1. Log in to the KPS website (<http://www.kps.or.kr>) and click the 'Conference' button.

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2021년 봄 학술대회
2021 KPS Spring Meeting
일시: 4.21(수) ~ 23(금) 장소: Virtual Conference

공지사항 / 학술대회 / 구인/구직 / 신규 홈페이지 Q&A +

2021년 하반기 '이달의 과학기술인상' 후보자 추천 안내	21.03.22
[여성생명과학기술포럼] 제20회 한국 로레알-유네스코 여성과학자상 펠로십 ...	21.03.22
[과총] 2021년 제31회 과학기술우수논문상 후보 논문 추천	21.03.11
[WISET아카데미] 서강대 기술경영전문대학원과 함께하는 고위여성리더십 온...	21.03.11

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SUBDIVISION
BRANCH
COMMITTEE

- 일반자료실
- 유용한사이트

2. Move your cursor over the 'Program' menu and you will see the drop-down menu.



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2021 KPS Spring Meeting

2021 KPS Spring Meeting

April 21(Wed) ~ 23(Fri), 2021
Virtual Conference

Registration Abstract Submission Program at a Glance

Important Dates

• Abstract Submission Opens	2021.02.01
• Abstract Submission Deadline	2021.03.10
• Online Pre-registration Period	2021.02.01 - 04.23
• Program Announcement	2021.03.24
• Oral/Poster Presentation Upload	2021.03.26 - 04.12

3. Click Program > Entire Program > Poster sessions

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				T1-ap [T] KPFM					T3-te [T] Teacher Educator	T4-pl [T] 3D Field Physics in Tokamak	

4. You can see the poster session as follows. Look at the details and click on the session you are interested in.

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5-1. The poster-session list will appear. You can see the abstract and presentation materials on this page.

- Click the 'presentation number' to see the abstract of the poster.

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2021 KPS Spring Meeting
Wednesday-Friday, April 21-23, 2021: Virtual Conference

Session Information	P1-pa.1	Accelerator-based particle physics experiments
	Poster room	April 21 (Wednesday) 16:00 - 16:50

Presentation No.	Time	Presenter	Title
P1-pa.101*	2021-04-21 16:00-16:50	Na Ijeong	The strategy to study CP violation with the $D_0 \rightarrow \pi^+ \pi^-$ and $D_0 \rightarrow K^+ K^-$ channels using the Belle II experiment
P1-pa.102	2021-04-21 16:00-16:50	KIM Kyungho	Search for $B^0 \rightarrow I \tau$ decays at Belle experiment
P1-pa.103	2021-04-21 16:00-16:50	Lee Seungcheol	Search for $B_0 \rightarrow K_s K_s \gamma$ in the Belle II experiment
P1-pa.104	2021-04-21 16:00-16:50	KIM Yongkyu	Dark sector searches at Belle experiment
P1-pa.105	2021-04-21 16:00-16:50	Cho Sungjin	Archiver System Management for Belle II Detector Operation
P1-pa.106	2021-04-21 16:00-16:50	JO Youngmin	Quality Control Procedure of New RPCs for Phase-2 upgrade of the CMS Muon System

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2021 KPS Spring Meeting
Wednesday-Friday, April 21-23, 2021: Virtual Conference

Session P1-pa.1: Accelerator-based particle physics experiments
4:00 PM-4:50 PM, Wednesday, April 21, 2021
Room: Poster room

Chair:

Abstract: P1-pa.101* : The strategy to study CP violation with the $D_0 \rightarrow \pi^+ \pi^-$ and $D_0 \rightarrow K^+ K^-$ channels using the Belle II experiment

Presenter:
Na Ijeong
(Department of Physics, Soongsil University)

Author:
[NA Ijeong](#)¹, KIM Doris Yangsoo^{*1}
(*1Department of Physics, Soongsil University)

The Belle II experiment started its physics run in 2019 and is continuously accumulating the collision data. The Belle II analysis tools are being refined to exploit this new data set. We will show how to search for time integrated CP violation effect in the $D_0 \rightarrow \pi^+ \pi^-$ and $D_0 \rightarrow K^+ K^-$ channels in this environment. The selection process of the D_0 events and the fitting procedures to extract the CP violation effect will be discussed.

Keyword:
Belle II, CPV, D meson, charm quark

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5-2. The poster-session list will appear. You can see the abstract and presentation materials on this page.

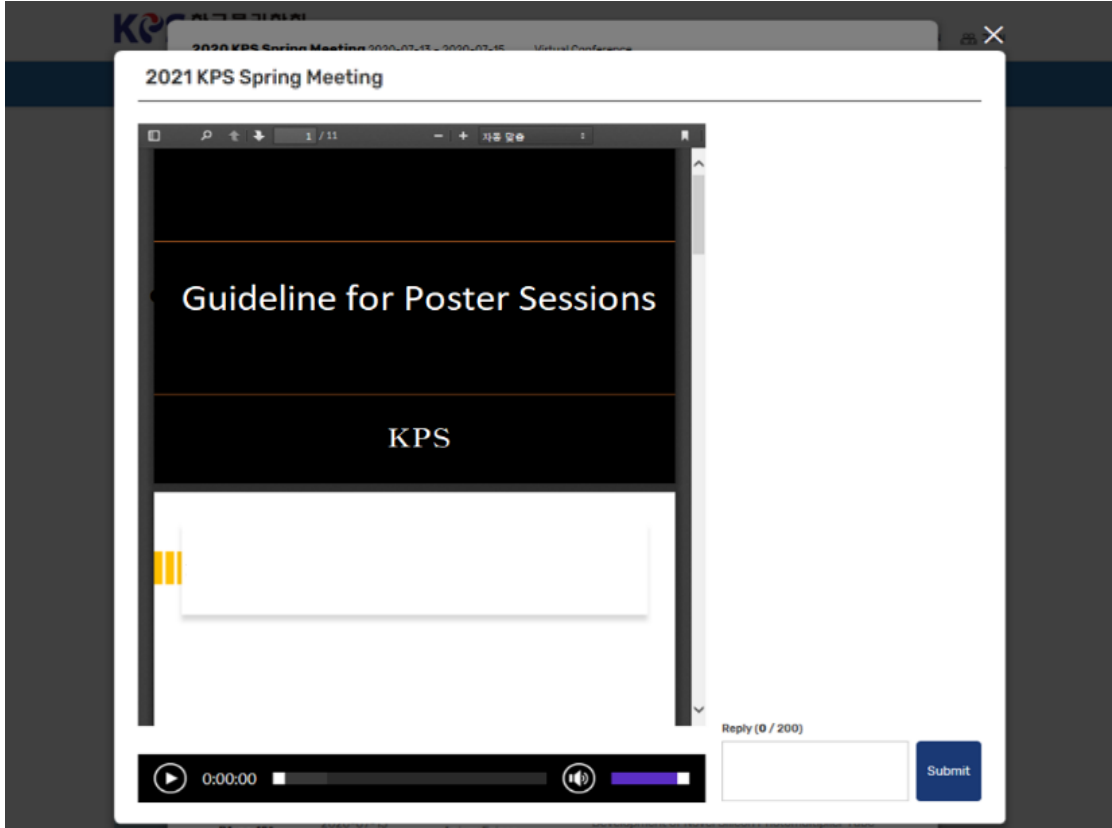
- Click the 'presentation' button on the right side of the poster to open the presentation window.

Poster Sessions

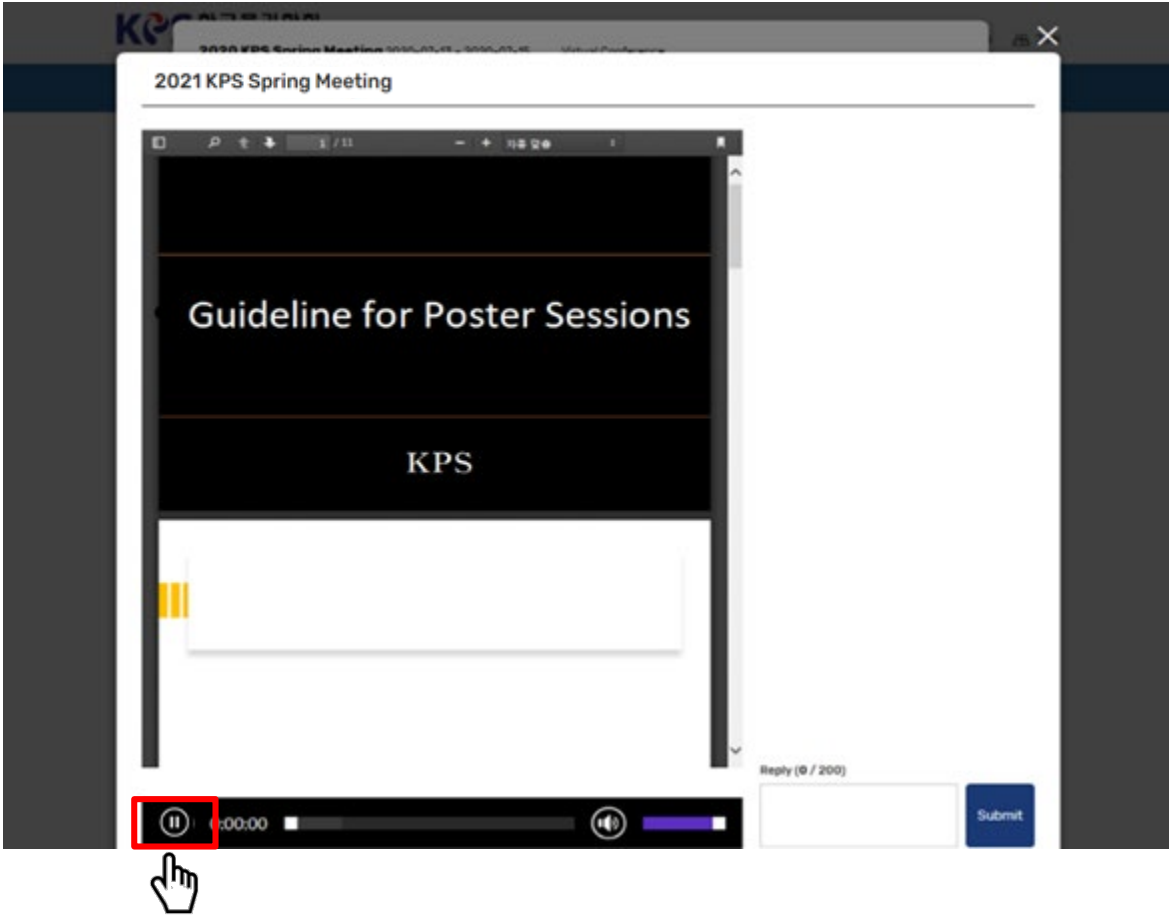
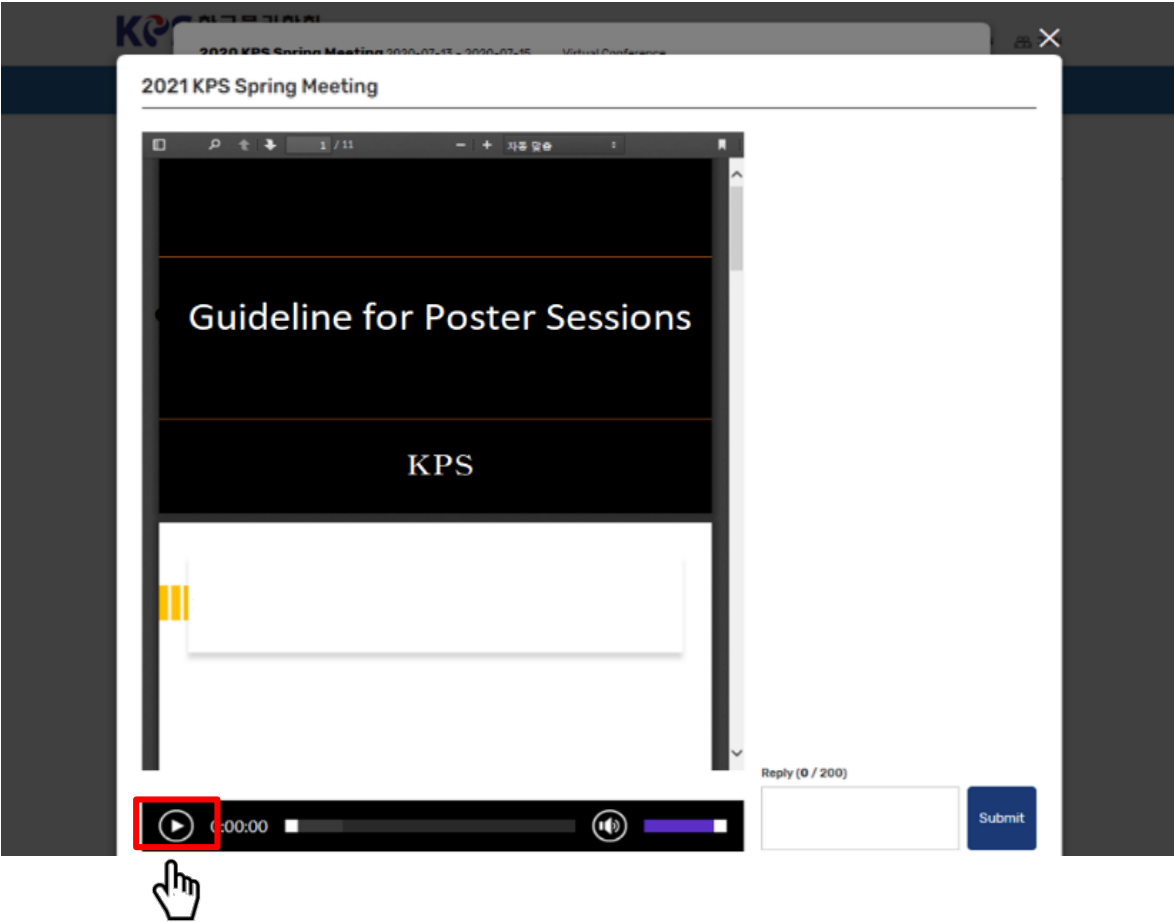
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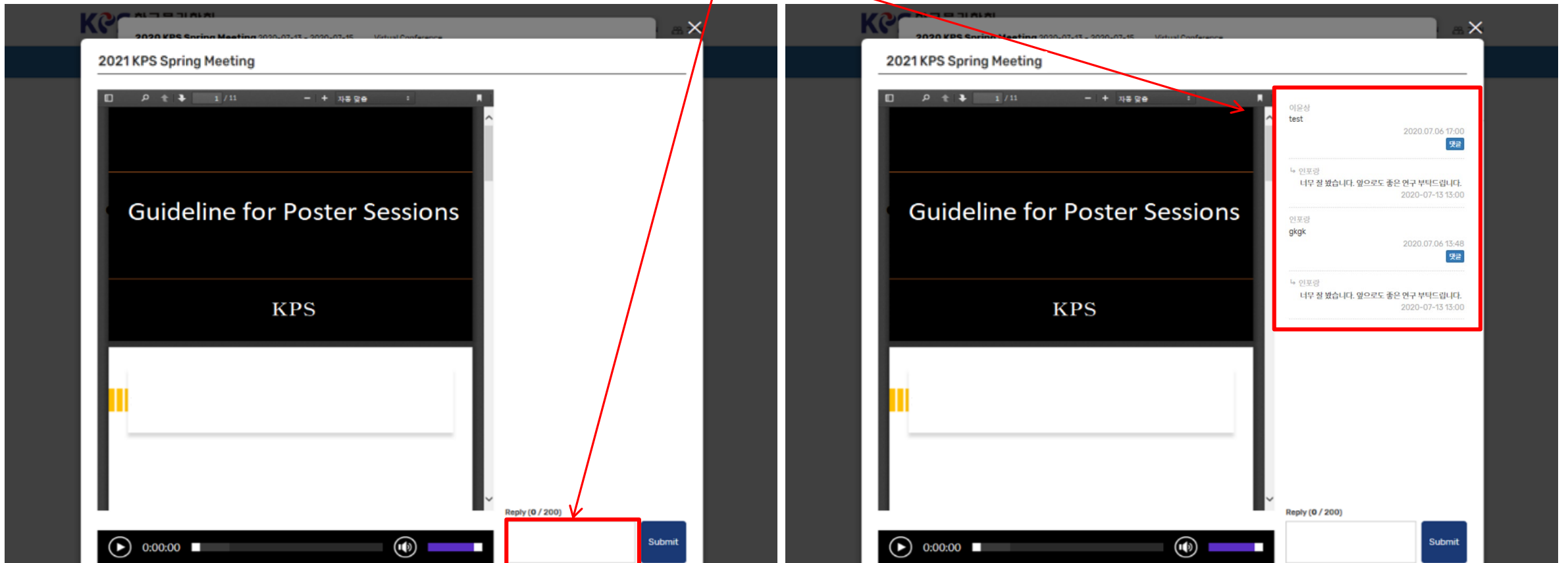


6. Click the **'Play'** button at the bottom of the poster presentation to hear a brief introduction from the presenter. Audio can be paused by the **'Pause'** button.



7. There is an input window in the lower right corner of the presentation screen where you can leave questions and answers.

- Complete the questions in the Q&A window and click the '**submit**' button to see your Q&A history as shown on the right.



8. Click the 'Back to Poster Sessions' button at the bottom to close the poster session window.

P1-pa.108*	2021-04-21 16:00-16:50	SHIN Jin Yong	On improving top quark tagging in hadronic channel using machine-learning techniques in dark matter search at LHC
P1-pa.109*	2021-04-21 16:00-16:50	Lee dong yub	Study of WZgamma production in the fully leptonic final state at High-Luminosity LHC environment
P1-pa.110	2021-04-21 16:00-16:50	KIM Byoung Chan	Measurement of range using electron beams with new liquid scintillator based on alcohol
P1-pa.111	2021-04-21 16:00-16:50	CHOI Ji Won	A study on color image analysis with liquid scintillators
P1-pa.112	2021-04-21 16:00-16:50	Lee Byungchan	A simulation study of the Antiproton Trap for the GBAR experiment
P1-pa.113*	2021-04-21 16:00-16:50	Won Donghwan	The status of Antiproton trap for GBAR and electron beam measurements.
P1-pa.114	2021-04-21 16:00-16:50	JEON hyoungku	Updated measurement of the cosmic ray induced background at the JSNS2 experiment.
P1-pa.115	2021-04-21 16:00-16:50	JUNG Da Eun	Beam induced gamma background at the JSNS2
P1-pa.116*	2021-04-21 16:00-16:50	Park Kihong	$e+e^- \rightarrow \mu+\mu^- A'$ with $A' \rightarrow \mu+\mu^-$
P1-pa.117*	2021-04-21 16:00-16:50	Kim Doyeong	Fast simulation for Dual-Readout calorimeter using GAN

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Thank you