

2024년 가을 제110차 한국천문학회 학술대회 안내

1. 학술대회 개요

- (1) 일시 : 2024년 10월 16일 (수) 12:00 ~ 10월 18일 (금) 16:20
- (2) 장소 : 스카이베이호텔 경포
 - 구두발표 : 그랜드볼룸, 미팅룸, 호라이즌 앳 20
 - 포스터발표 : 로비층
 - 연구 및 기업홍보 전시부스 : 로비층
- (3) 후원 : 한국과학기술단체총연합회, 강원관광재단, 강릉시, 강릉관광개발공사

KOEST
한국과학기술단체총연합회

 **강릉시**
GANGNEUNG CITY

GWTO

강원관광재단
Gangwon Tourism Organization



강릉관광개발공사
Gangneung Tourism Dvlpmnt Corp.

2. 등록

(1) 등록비

정회원(일반) : 300,000원 / 정회원(학생)이하 : 200,000원 / 비회원 : 350,000원
저녁만찬비 : 20,000원

(2) 연회비

연회비를 미납하신 회원은 아래 구좌로 송금하시거나 학회 당일 등록 장소에서 납부해 주십시오. 은행 구좌로 송금할 때 반드시 성함을 기재하여 주시기 바랍니다.

정회원(일반) : 70,000원 / 정회원(학생) : 30,000원

교육회원 : 50,000원 / 준회원 : 30,000원

회장 : 500,000원 / 부회장 : 300,000원 / 이사 : 150,000원

※ 송금구좌: 468-25-0008-338 (국민은행) 예금주 : 사)한국천문학회

※ 최근 2년간 연회비를 납부하지 않은 회원에게는 총회에서 선거권이 제한됩니다.

(당해년도 회비 납부 必)

3. 회원 가입

회원가입을 원하시는 분은 학회홈페이지를 통하여 가입하시면 됩니다. [입회비: 정회원(10,000원)]

위치 및 교통 안내

LOCATION	FLOOR INFORMATION																																				
	<table border="1" style="width: 100%; border-collapse: collapse; background-color: #e0f0f0;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 40%; text-align: center;">North</th> <th style="width: 40%; text-align: center;">South <small>계열표상장</small></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">20</td> <td>Fitness Center 피트니스 센터 Infinity Pool 인피니티 풀 Indoor Pool 실내 수영장</td> <td style="text-align: center;">HORIZON at 20 <small>호라이즌 앳 20</small></td> </tr> <tr> <td style="text-align: center;">19</td> <td>Guest Room 1 ~ 6, 16 ~ 20</td> <td>Guest Room 7 ~ 15</td> </tr> <tr> <td style="text-align: center;">18</td> <td>Guest Room 1 ~ 4, 17 ~ 24</td> <td>Guest Room 5 ~ 16</td> </tr> <tr> <td style="text-align: center;">5-17</td> <td>Guest Room 1 ~ 6, 22 ~ 30</td> <td>Guest Room 7 ~ 21</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Guest Room 1 ~ 4, 15 ~ 22</td> <td>Guest Room 5 ~ 14</td> </tr> <tr> <td style="text-align: center;">3</td> <td colspan="2" style="text-align: center;">Guest Room 1 ~ 40</td> </tr> <tr> <td style="text-align: center;">2</td> <td colspan="2" style="text-align: center;">Guest Room 1 ~ 42</td> </tr> <tr> <td style="text-align: center;">1</td> <td colspan="2" style="text-align: center;">Convenience Store 편의점 SHELL CAFE SHELL FACTORY</td> </tr> <tr> <td style="text-align: center;">LOBBY</td> <td colspan="2" style="text-align: center;">계1-3 방향장 Front desk 프론트 데스크 Concierge 컨시어지 Business Corner 비즈니스 코너 Meeting Room 미팅룸 Grand Ballroom 그랜드볼룸 Shopping Mall 상가</td> </tr> <tr> <td style="text-align: center;">B2</td> <td colspan="2" style="text-align: center;">Sauna 사우나 Coin Laundry 코인 세탁방 SKY Karaoke 스카이노래타운 Parking Lot 주차장 (North, South)</td> </tr> <tr> <td style="text-align: center;">B3</td> <td colspan="2" style="text-align: center;">Parking Lot 주차장</td> </tr> </tbody> </table>		North	South <small>계열표상장</small>	20	Fitness Center 피트니스 센터 Infinity Pool 인피니티 풀 Indoor Pool 실내 수영장	HORIZON at 20 <small>호라이즌 앳 20</small>	19	Guest Room 1 ~ 6, 16 ~ 20	Guest Room 7 ~ 15	18	Guest Room 1 ~ 4, 17 ~ 24	Guest Room 5 ~ 16	5-17	Guest Room 1 ~ 6, 22 ~ 30	Guest Room 7 ~ 21	4	Guest Room 1 ~ 4, 15 ~ 22	Guest Room 5 ~ 14	3	Guest Room 1 ~ 40		2	Guest Room 1 ~ 42		1	Convenience Store 편의점 SHELL CAFE SHELL FACTORY		LOBBY	계1-3 방향장 Front desk 프론트 데스크 Concierge 컨시어지 Business Corner 비즈니스 코너 Meeting Room 미팅룸 Grand Ballroom 그랜드볼룸 Shopping Mall 상가		B2	Sauna 사우나 Coin Laundry 코인 세탁방 SKY Karaoke 스카이노래타운 Parking Lot 주차장 (North, South)		B3	Parking Lot 주차장	
	North	South <small>계열표상장</small>																																			
20	Fitness Center 피트니스 센터 Infinity Pool 인피니티 풀 Indoor Pool 실내 수영장	HORIZON at 20 <small>호라이즌 앳 20</small>																																			
19	Guest Room 1 ~ 6, 16 ~ 20	Guest Room 7 ~ 15																																			
18	Guest Room 1 ~ 4, 17 ~ 24	Guest Room 5 ~ 16																																			
5-17	Guest Room 1 ~ 6, 22 ~ 30	Guest Room 7 ~ 21																																			
4	Guest Room 1 ~ 4, 15 ~ 22	Guest Room 5 ~ 14																																			
3	Guest Room 1 ~ 40																																				
2	Guest Room 1 ~ 42																																				
1	Convenience Store 편의점 SHELL CAFE SHELL FACTORY																																				
LOBBY	계1-3 방향장 Front desk 프론트 데스크 Concierge 컨시어지 Business Corner 비즈니스 코너 Meeting Room 미팅룸 Grand Ballroom 그랜드볼룸 Shopping Mall 상가																																				
B2	Sauna 사우나 Coin Laundry 코인 세탁방 SKY Karaoke 스카이노래타운 Parking Lot 주차장 (North, South)																																				
B3	Parking Lot 주차장																																				

스카이베이호텔 : <https://skybay.co.kr/>

행사장안내	<p>강원특별자치도 강릉시 해안로 476 (우) 25460 476 Haean-ro, Gangneung-si, Gangwon State, 25460, Republic of Korea</p> <p>체크인 15:00 / 체크아웃 11:00</p>
강릉역↔스카이베이호텔경포	<p>택시 : 10분 소요 (비용 7,700원)</p> <p>버스 : 202-1번 30분 소요</p>

한국천문학회 모임안내

◆ [여성분과 런천세션 및 총회] 개최

- 일자 : 2024년 10월 17일
- 시간 : 11:40~14:00
- 장소 : 제1발표장
- 참석자 : 분과회원

◆ [광학분과 총회] 개최

- 일자 : 2024년 10월 17일
- 시간 : 12:30
- 장소 : 제2발표장
- 참석자 : 분과회원

◆ [광학천문분과 총회] 개최

- 일자 : 2024년 10월 17일
- 시간 : 12:30
- 장소 : 제2발표장
- 참석자 : 분과회원

◆ [우주전파분과 총회] 개최

- 일자 : 2024년 10월 17일
- 시간 : 12:30
- 장소 : 제3발표장
- 참석자 : 분과회원

◆ [YAM 분과 총회] 개최

- 일자 : 2024년 10월 17일
- 시간 : 12:30
- 장소 : 제4발표장
- 참석자 : 분과 회원

2024 KAS Fall Meeting 10.16

12:00~13:00	등 록					
13:00~13:40	초청강연1 Byeong-Cheol Lee (이병철) [좌장: Myeong-Gu Park (박명구)]					
13:40~14:20	초청강연2 Young-Sook Ahn (안영숙) [좌장: Seung-Urn Choe (최승언)]					
14:20~14:40	휴식시간					
발표장	제1발표장(그랜드볼룸 I)			제2발표장(그랜드볼룸 II)		
시간표	우주론, 암흑물질, 암흑에너지 1 [좌장 : Emanuele Contini] Cosmology / Dark Matter, Dark Energy1			[특] SPHEREx / 우주망원경 1 [좌장 : Minjin Kim (김민진)]		
14:40~14:55	초CD-01	Oliver Muller	E	구SPHEREx-01	Woong-Seob Jeong (정웅섭)[20']	K
14:55~15:10				구SPHEREx-02	Yujin Yang (양유진)[20']	K
15:10~15:25	구CD-02	Kushal Lodha	E	구SPHEREx-03	Jeong Eun Lee (이정은)[20']	K
15:25~15:40	구CD-03	Young-Wook Lee (이영욱)	K	구SPHEREx-04	Yoonsoo Bach (박윤수)[15']	K
15:40~15:55	구CD-04	Junhyuk Son (손준혁)	K	구SPHEREx-05	Bomee Lee (이보미)[15']	K
15:55~16:10	구CD-05	William Luke Matthewson	E			
16:10~16:30	휴식시간					
시간표	외부은하 / 은하단 1 [좌장 : Duho Kim(김두호)] Galaxy Evolution / GalaxyClusters1			[특] SPHEREx / 우주망원경 2 [좌장: Hyunjin Shim (심현진)]		
16:30~16:45	구GC-01	Gyeong-Min Lee (이경민)	K	구SPHEREx-06	Minjin Kim (김민진)[20']	K
16:45~17:00	구GC-02	Sangjun Cha (차상준)	T	구SPHEREx-07	Woong-Seob Jeong (정웅섭)[25']	K
17:00~17:15	구GC-03	Youngdae Lee (이영대)	K			
17:15~17:30	구GC-04	Taehyeon Bang (방태현)	T	구SPHEREx-08	Hangpal Heo (허행팔)[15']	K
17:30~17:45	구GC-05	Minyong Jung (정민용)	E	구SPHEREx-09	Dongok Ryu (류동옥)[15']	K
17:45~18:00	구GC-06	Seongbong Han (한성봉)	K	discussion		

약자설명	구	구두발표	발표언어	K	KOREAN
	포	포스터발표		E	ENGLISH
	초	초청강연			
	석	석사학위논문발표			
	박	박사학위논문발표			

2024 KAS Fall Meeting 10.16

12:00~13:00	등 록					
13:00~13:40	초청강연1 Byeong-Cheol Lee (이병철) [좌장: Myeong-Gu Park (박명구)]					
13:40~14:20	초청강연2 Young-Sook Ahn (안영숙) [좌장: Seung-Urn Choe (최승언)]					
14:20~14:40	휴식시간					
발표장	제3발표장(미팅룸)			제4발표장(호라이즌 앳 20)		
시간표	[특] HBF [좌장: Jong chul Chae (채종철)] Helios pheres : Basics and Frontiers			성간물질 / 별생성 / 우리은하 1 [좌장: Bumhyun Lee (이범현)] Interstellar matter / Star formation / Milky Way Galaxy		
14:40~14:55	구HBF-01	Sujin Kim (김수진)	K	구IM-01	Hyun-Jeong Kim (김현정)	K
14:55~15:10	구HBF-02	Jeong-Heon Kim (김정헌)	K	구IM-02	Spandan Choudhury	E
15:10~15:25	초HBF-03	Kyung Sun Park (박경선)	K	구IM-03	Junyoung Moon (문준영)	K
15:25~15:40				구IM-04	Jihye Hwang (황지혜)	K
15:40~15:55	초HBF-04	Young Dae Yoon (윤영대)	T	구IM-05	Donghyeok Koh (고동혁)	K
15:55~16:10				구IM-06	Jin Lim (임진)	K
16:10~16:30	휴식시간					
시간표	[특] DQS [좌장 : Soyoung Hong(홍소영)]					
16:30~16:45	구DQS-01	Narae Hwang (황나래)	K			
16:45~17:00	구DQS-02	Su-Chan Bong (봉수찬)	K			
17:00~17:15	구DQS-03	Taehyun Jung (정태현)	K			
17:15~17:30	구DQS-04	Myung-Jin Kim (김명진)	K			
17:30~17:45	구DQS-05	Ami Yoon (윤아미)	K			
17:45~18:00	discussion					

2024 KAS Fall Meeting 10.17

09:20~10:00	초청강연3 Jae-Young Kim (김재영), Jongho Park (박종호) [좌장: Bong Won Sohn (손봉원)]					
10:00~10:10	휴식시간					
발표장	제1발표장(그랜드볼룸 I)			제2발표장(그랜드볼룸 II)		
시간표	외부은하 / 은하단 2 [좌장: Maurice van Putten] Galaxy Evolution / Galaxy Clusters 2			[특] 중력파 [좌장: Hyung Mok Lee (이형목)] Gravitational Wave Science Research		
10:10~10:25	구GC-07	Sang Hyeok Im (임상혁)	E	구GW-01	Jiyeon Sun (선지윤)	E
10:25~10:40	구GC-08	Eun-Taek Gim (김은택)	K	구GW-02	Kihyun Jung (정기현)	K
10:40~10:55	구GC-09	Sungwook E. Hong (홍성욱)	K	구GW-03	Sangin Kim (김상인)	E
10:55~11:10	구GC-10	Hyojeong Kim (김효정)	E	구GW-04	Kyungmin Kim (김경민)	K
11:10~11:25	구GC-11	Wonki Lee (이원기)	E	구GW-05	Young-Min Kim (김영민)	K
11:25~11:40	구GC-12	Hyegyeong Kim (김혜경)	E	구GW-06	John J. Oh (오정근)	K
11:40~13:10	점심시간 및 분과회의					
	여성분과 런치세션및총회			광학분과총회		
13:10~14:00	포스터발표					
시간표	외부은하 / 은하단 3 [좌장: Sungsoon Lim (임성순)] Galaxy Evolution / Galaxy Clusters 3			항성 / 항성계 / 외계행성 1 [좌장: Sang-Hyun Chun (천상현)] Star, Stellar Systems / Exoplanets		
14:00~14:15	구GC-13	Hayeong Jeong (정하영)	K	박SA-01	Yun-A Jo (조윤아)	K
14:15~14:30	구GC-14	Yongjung Kim (김용정)	K			
14:30~14:45	구GC-15	Dohyeong Kim (김도형)	K	구SA-02	Jae-Rim Koo (구재림)	K
14:45~15:00	구GC-16	Emanuele Contini	E	구SA-03	Dongwook Lim (임동욱)	K
15:00~15:15	구GC-17	Min-Gyu Ryu (류민규)	K	석SA-04	Sangin Lee (이상인)	K
15:15~15:30	구GC-18	Seung Yeon Lee (이승연)	K	구SA-05	Seong-Min Son (손성민)	K
15:30~15:50	사진촬영					
15:50~16:20	개회식 및 시상					
16:20~17:00	초청강연4 Hyung Mok Lee (이형목) [좌장: Byeong-Gon Park (박병곤)]					
17:00~18:30	정기총회					
18:30	만찬					

2024 KAS Fall Meeting 10.17

09:20~10:00	초청강연3 Jae-Young Kim (김재영), Jongho Park (박종호) [좌장: Bong Won Sohn (손봉원)]					
10:00~10:10	휴식시간					
발표장	제3발표장(미팅룸)			제4발표장(호라이즌 앳 20)		
시간표	고천문학 / 천문역법 [좌장: Hong-Jin Yang (양홍진)] Historical Astronomy			성간물질 / 별생성 / 우리은하 2 [좌장: Jihye Hwang (황지혜)] Interstellar matter / Star formation / Milky Way Galaxy		
10:10~10:25	구HA-01	Go-Eun Choi (최고은)	K	박IM-07	Ilseung Han (한일승)	K
10:25~10:40	구HA-02	Sang Hyuk Kim (김상혁)	K			
10:40~10:55	구HA-03	Byeong-Hee Mihn (민병희)	K	구IM-08	Youngwoo Choi (최영우)	K
10:55~11:10	구HA-04	Seung-Urn Choe (최승언)	K	구IM-09	Hanju Nam (남한주)	K
11:10~11:25				구IM-10	Hyunwook Jheonn (전현욱)	K
11:25~11:40				구IM-11	Jongwon Park (박종원)	E
11:40~13:10	점심시간 및 분과회의					
	우주전파분과총회			YAM총회		
13:10~14:00	포스터발표					
시간표	고에너지 / 이론천문학 [좌장: Dongsu Ryu (류동수)] High energy astronomy / Theoretical astronomy			태양계 [좌장: Myung-Jin Kim (김명진)] Solar System		
14:00~14:15	구HT-01	Hyesung Kang (강혜성)	K	석SS-01	Wooseok Kim (김우석)	K
14:15~14:30	구HT-02	Donggeun Tak (탁동근)	T	구SS-02	Hangbin Jo (조항빈)	K
14:30~14:45	구HT-03	Youngwan Son (손영완)	K	구SS-03	Hee-Jae Lee (이희재)	K
14:45~15:00	구HT-04	Saemi Bang (방새미)	E			
15:00~15:15	구HT-05	Minseo Park (박민서)	K			
15:15~15:30						
15:30~15:50	사진촬영					
15:50~16:20	개회식 및 시상					
16:20~17:00	초청강연4 Hyung Mok Lee (이형목) [좌장: Byeong-Gon Park (박병곤)]					
17:00~18:30	정기총회					
18:30	만찬					

2024 KAS Fall Meeting 10.18

09:20~10:00	초청강연5 Kevin Reil [좌장: Moo-Young Chun (천무영)]					
10:00~10:40	초청강연6 Eric Linder [좌장: Arman Shafieloo]					
10:40~11:00	휴식시간					
발표장	제1발표장(그랜드볼룸 I)			제2발표장(그랜드볼룸 II)		
시간표	외부은하 / 은하단 4 [좌장: Yongjung Kim (김용정)] Galaxy Evolution / Galaxy Clusters 4			천문우주관측기술 [좌장: Chung-Uk Lee (이충욱)] Astronomical Instrumentation		
11:00~11:15	박GC-19	Gregory S. H. Paek (백승학)	K	초AT-01	Kentaro Motohara[20']	E
11:15~11:30				구AT-02	Ji Hoon Kim (김지훈)[15']	T
11:30~11:45	구GC-20	Chul Chung (정철)	K	구AT-03	Hyeonho Choi (최현호)[15']	K
11:45~12:00	구GC-21	Seunghyun Park (박승현)	K	구AT-04	Seonwoo Kim (김선우)[15']	K
12:00~12:15	구GC-22	Sumi Kim (김수미)	T	구AT-05	Seo-Won Chang (장서원)[15']	K
12:15~12:30	구GC-23	Sungsoon Lim (임성순)	K	구AT-06	Dongjin Lee (이동진)[15']	K
12:30~12:45				구AT-07	Sunho Jin (진선호)[15']	E
12:30~13:30	점심시간					
시간표	외부은하 / 은하단 5 [좌장: Jongho Park (박종호)] Galaxy Evolution / Galaxy Clusters 5			우주론, 암흑물질, 암흑에너지 2 [좌장: Chul Chung (정철)] Cosmology / Dark Matter, Dark Energy 2		
13:30~13:45	구GC-24	Yu-Sik Kim (김유식)	K	구CD-06	Maurice van Putten	E
13:45~14:00	석GC-25	Deokhyeong Lee (이덕형)	K	구CD-07	Sangwoo Park (박상우)	E
14:00~14:15	구GC-26	Hannah Jhee (지한나)	K	구CD-08	Jun-Young Lee (이준영)	E
14:15~14:30	구GC-27	Duho Kim (김두호)	T	구CD-09	Seung-gyu Hwang (황승규)	E
14:30~14:40	휴식시간					
시간표	[특] KLST [좌장: Jae-Woo Kim (김재우)]			항성 / 항성계 / 외계행성 2 [좌장: Youngdae Lee (이영대)] Star, Stellar Systems / Exoplanets		
14:40~14:55	구KLST-01	Sungwook E. Hong (홍성욱)	K	박SA-06	Han-Gyeol Yun (윤한결)	K
14:55~15:10	구KLST-02	Arman Shafieloo	E			
15:10~15:25	구KLST-03	Yunjong Kim (김윤중)	K	구SA-07	Hojae Ahn (안호재)	K
15:25~15:40	구KLST-04	Sang-Hyun Chun (천상현)	K	구SA-08	Heesu Kym (김희수)	K
15:40~15:55	구KLST-05	Jubee Sohn (손주비)	E	구SA-09	Gu Lim (임구)	K
15:55~16:10	구KLST-06	David Parkinson	E	구SA-10	Seong Hyun Park (박성현)	K
16:10~16:20	우수포스터상 시상 및 폐회					

2024 KAS Fall Meeting 10.18

09:20~10:00	초청강연5 Kevin Reil [좌장: Moo-Young Chun (천무영)]					
10:00~10:40	초청강연6 Eric Linder [좌장: Arman Shafieloo]					
10:40~11:00	휴식시간					
발표장	제3발표장(미팅룸)			제4발표장(호라이즌 옛 20)		
시간표	[특] K-DRIFT [좌장: Jihye Shin (신지혜)]			태양우주환경 [좌장: Sujin Kim (김수진)] Sun and Space Environment		
11:00~11:15	구KDRIFT-01	Jongwan Ko (고종완)	K	구SS-04	Tetsuya Magara	E
11:15~11:30	구KDRIFT-02	Il Kweon Moon (문일권)	K	구SS-05	Donguk Song (송동욱)	K
11:30~11:45	구KDRIFT-03	Yunjong Kim (김윤중)	K	구SS-06	Ji-Hoon Ha (하지훈)	K
11:45~12:00	구KDRIFT-04	Jihun Kim (김지헌)	K	구SS-07	Jongchul Chae (채종철)	E
12:00~12:15	구KDRIFT-05	Woowon Byun (변우원)	K	구SS-08	Younghun Oh (오영훈)	T
12:15~12:30	구KDRIFT-06	Kyungwon Chun (천경원)	K	구SS-09	Kyoung-Sun Lee (이경선)	K
12:30~12:45				구SS-10	Juhyeong Kang (강주형)	K
12:30~13:30	점심시간					
시간표	[특] ALMA 1 [좌장: Seokho Lee (이석호)]			교육홍보 [좌장: Jungjoo Sohn (손정주)] Education		
13:30~13:45	초ALMA-01	Jongsoo Kim (김종수)	K	구ED-01	Hyeju Roh (노혜주)	K
13:45~14:00				구ED-02	Hoseop Yoon (윤호섭)	K
14:00~14:15	구ALMA-02	A-Ran Lyo (여아란)	K	구ED-03	JaeHyung Lee (이재형)	K
14:15~14:30	구ALMA-03	Gyuhoo Lee (이규호)	K			
14:30~14:40	휴식시간					
시간표	[특] ALMA 2 [좌장: Seokho Lee (이석호)]					
14:40~14:55	초ALMA-04	Jeong Eun Lee (이정은)	K			
14:55~15:10						
15:10~15:25	구ALMA-05	Seonjae Lee (이선재)	T			
15:25~15:40	구ALMA-06	Yusuke Aso	E			
15:40~15:55	구ALMA-07	Chul-Hwan Kim (김철환)	K			
15:55~16:10	구ALMA-08	Bumhyun Lee (이범현)	K			
16:10~16:20	우수포스터상 시상 및 폐회					

2024 KAS FALL MEETING POSTER SESSION 10.16~18

Poster Size: A0

고에너지/ 이론천문학	포HT-01	Yonghwi Kim	김용휘	교육홍보	포ED-01	Hyeonmo Koo	구현모
고천문학/ 천문역법	포HA-01	Sang Hyuk Kim	김상혁		포ED-02	Jeong Ae Lee	이정애
	포HA-02	Hong Soon Choi	최홍순	성간물질/ 별생성/ 우리는하	포IM-01	Bianca Els	
외부은하/ 은하단	포GC-01	Beomchan Koh	고범찬		포IM-02	Mi-Ryang Kim	김미량
	포GC-02	Hyungjoe Kwon	권형조		포IM-03	Il Joong Kim	김일중
	포GC-03	Nam Hoon Kim	김남훈		포IM-04	Changmin Kim	김창민
	포GC-04	suk kim	김석		포IM-05	Hyunwoo Song	송현우
	포GC-05	Jae Hoon Kim	김재훈		포IM-06	Hyeon Jeong Youn	윤현정
	포GC-06	Hee-Gyeong Kim	김희경		포IM-07	Heesun Yoon	윤희선
	포GC-07	Seungwon Baek	백승원		포IM-08	Seokho Lee	이석호
	포GC-08	Minje Beom	범민제		포IM-09	Seonjae Lee	이선재
	포GC-09	Hyun Song	송현		포IM-10	Seung Hyeon Lee	이승현
	포GC-10	Sumin Seung	승수민	천문우주 관측기술	포AT-01	Taeho Kang	강태호
포GC-11	Lael Shin	신라엘	포AT-02		Jun Hyun Baek	백준현	
포GC-12	Kibeop Lee	이기법	포AT-03		Min-Su Shin	신민수	
포GC-13	Dongseob Lee	이동섭	포AT-04		Min Gyeong Yang	양민경	
포GC-14	Bumhyun Lee	이범현	포AT-05		Chung-Uk Lee	이충욱	
포GC-15	Seong-Kook Lee	이성국	포AT-06		Jiwon Jang	장지원	
포GC-16	Aron Lee	이아론	포AT-07		Thanawat Nakmorn		

2024 KAS FALL MEETING POSTER SESSION 10.16~18

Poster Size: A0

외부은하/ 은하단	포GC-17	Jaewon Lee	이재원	태양계	포SS-01	Bumhoo Lim	임범후
	포GC-18	Joon Hyeop Lee	이준협	태양 우주환경	포SS-02	Donghui Son	손동희
	포GC-19	Sungho Jung	정승호		포SS-03	Heesu Yang	양희수
	포GC-20	Jiwoon Jung	정지운		포SS-04	Kyeore Lee	이겨레
	포GC-21	Hyeon-Woo Jeong	정현우		포SS-05	Minseon Lee	이민선
	포GC-22	Hannah Jhee	지한나		포SS-06	Ryun Young Kwon	권윤영
	포GC-23	Yunyi Choi	최윤이		우주론/ 암흑물질, 암흑에너지	포CD-01	Hyeonmo Koo
	포GC-24	Jung Won Choi	최정원	포CD-02		Motonari Tonegawa	
	포GC-25	Khwammai Wanchaloem		포CD-03		Sumi Kim	김수미
	포GC-26	Sungryong Hong	홍성용	특3- K-DRIFT	포KDRIFT-01	Dohoon Kim	김도훈
포SA-01	Changwoo Kye	계창우	포KDRIFT-02		Yeonsik Kim	김연식	
포SA-02	Hyun Baek	백현	포KDRIFT-03		Woowon Byun	변우원	
포SA-03	Sol Yun	윤솔	포KDRIFT-04		Gayoung Lee	이가영	
포SA-04	Sang Hyun Lee	이상현	포KDRIFT-05		Yongseok Lee	이용석	
포SA-05	Seung-yoo Lee	이승유	포KDRIFT-06		Jinsu Rhee	이진수	
포SA-06	Seo-Won Chang	장서원	특4-ALMA	포ALMA-01	Hyeonsik Yun	윤형식	
특1-GW	포GW-01	Cristiano Sabiu		특5-HBF	포HBF-01	Maria Madjarska-Thei	

제1발표장 첫째날 : 10월 16일 (수)

12:00~13:00

등록

초청강연 1

좌장 : Myeong-Gu Park (박명구)[KNU]

13:00~13:40 초 IT-01

Status of exoplanet study using radial velocity in Korea

Byeong-Cheol Lee(이병철)[KASI]

초청강연 2

좌장 : Seung-Urn Choe (최승언)[SNU]

13:40~14:20 초 IT-02

Various studies using ancient astronomical records.

Young-Sook Ahn(안영숙)[KASI]

14:20~14:40 휴식시간

우주론, 암흑물질, 암흑에너지 1

Cosmology / Dark Matter, Dark Energy 1

좌장 : Emanuele Contini[yonsei university]

14:40~15:10 초 CD-01

A cosmic ballet of dwarf galaxies as challenge for Cold Dark Matter cosmology

Oliver Müller[EPFL]

15:10~15:25 구 CD-02

Understanding the dynamical nature of dark energy with DESI DR1 BAO

Kushal Lodha, Arman Shafieloo[KASI/UST], Rodrigo Calderon[KASI],
Eric Linder[University of California et.al]

15:25~15:40 구 CD-03

Strong progenitor age bias in supernova cosmology: Revised 'standard candle'
in harmony with 'standard ruler' (DESI BAO)

Young-Wook Lee(이영욱), Junhyuk Son(손준혁), Chul Chung(정철), Seunghyun Park(박승현),
Hyejeon Cho(조혜전)[Yonsei University], Eoin Ó. Colgáin[Atlantic Technological University]

15:40~15:55 구 CD-04

New concordance in the w_0w_a CDM model from supernova distance scale corrected for the
progenitor age-bias

Junhyuk Son(손준혁), Young-Wook Lee(이영욱), Chul Chung(정철), Seunghyun Park(박승현),
Hyejeon Cho(조혜전), Eoin Ó. Colgáin

15:55~16:10 구 CD-05

Star-Crossed: Model-Independent Consistency of Supernova Cosmology

William L. Matthews, Arman Shafieloo[KASI]

16:10~16:30 휴식시간

제1발표장 첫째날 : 10월 16일 (수)

외부은하/은하단 1

Galaxy Evolution/Galaxy Clusters 1

좌장 : Duho Kim (김두호)[CNU]

- 16:30~16:45 구 GC-01
Prospects for high-resolution probes of galaxy dynamics tracing background cosmology in MaNGA
Gyeong-Min Lee(이경민)[Sejong University], H.P.M. van Putten[Sejong University/INAF-OAS]
- 16:45~17:00 구 GC-02
Does Globular Cluster Follow Dark Matter? Strong + Weak Lensing Analysis of SMACS J0723.3-7327
Sangjun Cha(차상준), Hyungjin Joo(주형진)[Yonsei University], Kyle Finner[Yonsei University/IPAC], M. James Jee(지명국)[University of California/Yonsei University]
- 17:00~17:15 구 GC-03
Double Core Dwarf Galaxy Observed by IFU
Youngdae Lee (이영대)[CNU]
- 17:15~17:30 구 GC-04
Exploring the Origin of the Large-scale Leo HI Ring through the Position and Photometric Properties of Dwarf Galaxies
Taehyeon Bang(방태현), Sungsoo Lim(임성순), Aeree Chung(정애리)[Yonsei University], Jong Chul Lee(이종철)[KASI], Minjin Kim(김민진)[KNU], Jongwan Ko(고종완), Joon Hyeop Lee(이준협), Soung-Chul Yang(양성철)[KASI]
- 17:30~17:45 구 GC-05
Disk Formation at High Redshift in Various Codes from the AGORA Project
Minyong Jung(정민용), Ji-hoon Kim(김지훈)[SNU]
- 17:45~18:00 구 GC-06
Exploring lenticular galaxy formation in field environments using the NewHorizon simulation: Evidence for counter-rotating gas accretion as a formation channel
Seongbong Han(한성봉), Jaekyoung Jang(장재경), Emanuele Contini, Seyoung Jeon(전세영), Taysun Kimm(김태선), Sree Oh(오슬희), Sukyoung Yi(이석영)[Yonsei University]

제2발표장 첫째날 : 10월 16일 (수)

12:00~13:00

등록

초청강연 1 [제1발표장]

좌장 : Myeong-Gu Park (박명구)[KNU]

13:00~13:40 초 IT-01

Status of exoplanet study using radial velocity in Korea

Byeong-Cheol Lee(이병철)[KASI]

초청강연 2 [제1발표장]

좌장 : Seung-Urn Choe (최승언)[SNU]

13:40~14:20 초 IT-02

Various studies using ancient astronomical records.

Young-Sook Ahn(안영숙)[KASI]

14:20~14:40 휴식시간

[특] SPHEREx / 우주망원경 1

좌장 : Minjin Kim (김민진)[KNU]

14:40~15:00 구 SPHEREx-01

Planning Study on KASI Space Telescope Projects

Woong-Seob Jeong(정웅섭), Yujin Yang(양유진), Jeonghyun Pyo(표정현), Bomee Lee(이보미),
Youngsoo Jo(조영수), Il-Joong Kim(김일중), Jaeyeong Kim(김재영), Yongjung Kim(김용정),
Seongchol Bang(방승철), Jae-Joon Lee(이재준), Jongwan Ko(고종완), Min-Su Shin(신민수),
Yeon Kil Jung(정연길), Jeong-Yeol Han(한정열), Bonkon Moon(문봉곤),
KASI Qrontier Space Telescope Team

15:00~15:20 구SPHEREx-02

SPHEREx: Pipeline & Data Products

Yujin Yang(양유진)[KASI], KASI SPHEREx Team

15:20~15:40 구SPHEREx-03

Ice Evolution from Molecular Clouds to Planet-forming Disks in the Era of SPHEREx

Jeong-Eun Lee(이정은)[SNU]

15:40~15:55 구SPHEREx-04

Solar System Objects from the SPHEREx Mission

Yoonsoo P. Bach(박윤수)[KASI], Masateru Ishiguro[SNU], SPHEREx Science Team,
SPHEREx Solar System Objects Follow-up Observation Team

15:55~16:10 구SPHEREx-05

SPHEREx: Redshifts from space-based near-infrared spectrophotometry

Bomee Lee (이보미)[KASI]

16:10~16:30 휴식시간

제2발표장 첫째날 : 10월 16일 (수)

[특] SPHEREx / 우주망원경 2

좌장 : Hyunjin Shim (심현진)[KNU]

- 16:30~16:50 구 SPHEREx-06
Extragalactic Science with SPHEREx and Synergies with Astronomical Facilities
Minjin Kim(김민진)[KNU], SPHEREx BRL team, KASI SPHEREx team
- 16:50~17:15 구 SPHEREx-07
Overview of the SPHEREx Project
Woong-Seob Jeong(정웅섭), Yujin Yang(양유진)[KASI/UST], Jeonghyun Pyo(표정현),
Youngsoo Jo(조영수), Bomee Lee(이보미), Il-Joong Kim(김일중), Seongchol Bang(방승철),
Jaeyeong Kim(김재영), Yongjung Kim(김용정), Yoonsoo P. Bach(박윤수)[KASI],
SPHEREx Korean Consortium
- 17:15~17:30 구 SPHEREx-08
Current Status of Earth Observation Payload Development and Vision for the Development of a
Korean Space Telescope
Haeng-Pal Heo(허행팔)[KARI]
- 17:30~17:45 구 SPHEREx-09
Initial Design and Optical Performance of a Korean Space Telescope Based on Recent Earth
Observation Satellite Development
Dongok Ryu(류동욱), Youngchun Youk(육영천), Jeeyeon Yoon(윤지연), Eung Shik Lee(이응식),
Haeng Pal Heo(허행팔)[KARI]
- 17:45~18:00 discussion

제3발표장 첫째날 : 10월 16일 (수)

12:00~13:00

등록

초청강연 1 [제1발표장]

좌장 : Myeong-Gu Park (박명구)[KNU]

13:00~13:40 초 IT-01

Status of exoplanet study using radial velocity in Korea

Byeong-Cheol Lee(이병철)[KASI]

초청강연 2 [제1발표장]

좌장 : Seung-Urn Choe (최승언)[SNU]

13:40~14:20 초 IT-02

Various studies using ancient astronomical records.

Young-Sook Ahn(안영숙)[KASI]

14:20~14:40 휴식시간

[특] HBF

Heliospheres: Basics and Frontiers

좌장 : Jongchul Chae (채종철)[SNU]

14:40~14:55 구 HBF-01

Observational Overview of the May 2024 G5-Level Geomagnetic Storm

: Part I. Solar Sources for the G5-Level Geomagnetic Storm

Sujin Kim(김수진)[KASI], Young-Sil Kwak(곽영실), Sung-Hong-Park(박성홍)[KASI/UST],

Eun-Kyung Lim(임은경), Hwanhee Lee(이환희)[KASI], Ji-Hyun Yoo(유지현),

Haein Lee(이혜인)[KASI/CBNU], Ryun-Young Kwon(권윤영), Jungjoon Seough(서정준),

Rok-Soon Kim(김록순), Hannah Kwak(곽한나), Yeon-Han Kim(김연한), Kyung-Suk Cho(조경석)[KASI],

KASI Space Weather Research Group

14:55~15:10 구 HBF-02

Observational Overview of the May 2024 G5-level Geomagnetic Storm

: Part II. Near-Earth Responses for the G5-Level Geomagnetic Storm

Jeong-Heon Kim(김정현)[KASI], Young-Sil Kwak(곽영실), Yukinaga Miyashita[KASI/UST],

Taeyong Yang(양태양), Jongil Jung(정종길), Hosik Kam(감호식)[KASI],

Jaewook Lee(이재욱)[KASI/UST], Uk-Won Nam(남욱원)[KASI], Woo Kyoung Lee(이우경)[KASI/UST],

Junseok Hong(홍준석), Jongdae Sohn(손종대)[KASI], Jaeyoung Kwak(곽재영),

Jaehung Park(박재홍)[KASI/UST], Jaejin Lee(이재진)[KASI], Hoang Ngoc Huy Nguyen,

Madeeha Talha[KASI/UST], KASI Space Weather Research Group

15:10~15:40 초 HBF-03

A study of the big storm event on May 10-11, 2024, by the global MHD simulation

Park Kyung Sun(박경선)[CBNU]

15:40~16:10 초 HBF-04

Magnetic Reconnection: Fundamentals and Frontiers

Young Dae Yoon(윤영대)[APCTP]

16:10~16:30 휴식시간

제3발표장 첫째날 : 10월 16일 (수)

[특] DQS

좌장 : Soyoung Hong (홍소영)[KASI]

- 16:30~16:45 구 DQS-01
Dark and Quiet Skies: Astronomy and Large Satellite Constellations
Narae Hwang(황나래)[KASI/IAUDQS]
- 16:45~17:00 구 DQS-02
WRC-27 Agenda Items of Concern to the Radio Astronomy Service
Su-Chan Bong(봉수찬)[KASI], Hwangjae Rhee(이황재)[SyncTechno],
Seong-Jun Oh(오승준)[Korea university]
- 17:00~17:15 구 DQS-03
Protection of Radio Astronomy in Radio Frequency Band: Current Status and Activities
(KVN+) in Korea
Taehyun Jung(정태현), Do-Heung Je(제도흥), Chungsik Oh(오충식), Bong Won Sohn(손봉원),
Do-Young Byun(변도영), Su-Chan Bong(봉수찬), Narae Hwang(황나래),
Hyun-Soo Chung(정현수)[KASI], Sangoh Yi(이상오)[NGI], Jaeil Cho(조재일)[GNSM],
Yong-Sun Park(박용선)[SNU], KVN Team
- 17:15~17:30 구 DQS-04
Current Status and Activities of Space Situational Awareness in Korea
Myung-Jin Kim(김명진), Eun Jung Choi(최은정), Sungki Cho(조성기)[KASI],
Center for Space Situational Awareness
- 17:30~17:45 구 DQS-05
Space Sustainability and protecting Dark and Quiet Skies(DQS)
Ami Yun(윤아미)[KARI]
- 17:45~18:00 discussion

제4발표장 첫째날 : 10월 16일 (수)

12:00~13:00

등록

초청강연 1 [제1발표장]

좌장 : Myeong-Gu Park (박명구)[KNU]

13:00~13:40 초 IT-01

Status of exoplanet study using radial velocity in Korea

Byeong-Cheol Lee(이병철)[KASI]

초청강연 2 [제1발표장]

좌장 : Seung-Urn Choe (최승언)[SNU]

13:40~14:20 초 IT-02

Various studies using ancient astronomical records.

Young-Sook Ahn(안영숙)[KASI]

14:20~14:40 휴식시간

성간물질 / 별생성 / 우리은하 1

Interstellar matter / Star formation/Milky Way Galaxy

좌장 : Bumhyun Lee (이범현)[KASI]

14:40~14:55 구 IM-01

Crystalline Silicate Dust in the Supernova Ejecta of the Supernova Remnant MSH 15-52

Hyun-Jeong Kim(김현정)[KNU/KASI], Bon-Chul Koo(구본철)[SNU],

Takashi Onaka[The University of Tokyo]

14:55~15:10 구 IM-02

Evidence of infall in the subsonic filaments inside Barnard 5 core

Spandan Choudhury, Jongsoo Kim(김종수)[KASI], Jaime E. Pineda,

Paola Caselli[Max Planck Institute]

15:10~15:25 구 IM-03

Bipolar Outflow Momenta Depending on Misalignment of Outflow Axes and Magnetic Field Orientations

Junyoung Moon(문준영), Woojin Kwon(권우진)[SNU], Ian W. Stephens[Worcester State University],

Josep M. Girart[ICE-CSIC/IEEC], Bo Huang[ICE-CSIC]

15:25~15:40 구 IM-04

The JCMT BISTRO-3 Survey: Variation of magnetic field orientations in parsecs and sub-parsecs scales toward a massive star-forming region, G28.34+0.06

Jihye Hwang(황지혜)[KASI], Chang Won Lee(이창원)[KASI/UST], Jongsoo Kim(김종수)[KASI],

BISTRO team

15:40~15:55 구 IM-05

Revisit of CO Outflow Survey toward Very Low Luminosity Objects

Donghyeok Koh(고동혁), Chang Won Lee(이창원)[KASI/UST], Mi-Ryang Kim(김미량)[SNU],

Nguyen Thi Phuong[VNSC], Shinyoung Kim(김신영)[KASI]

15:55~16:10 구 IM-06

Warm gas dynamics in CGM: Study of C IV doublet ratio with radiative transfer

Jin Lim(dlawls)[Sejong University/Max Planck Institute], Seok-Jun Chang[Max Planck Institute],

Hee-Won Lee[Sejong University], Max Gronke[Max Planck Institute]

제1발표장 둘째날 : 10월 17일 (목)

초청강연 3

좌장 : Bong Won Sohn (손봉원)[KASI]

09:20~10:00 초 IT-03

Advancing Supermassive Black Hole Research with the Event Horizon Telescope

Jae-Young Kim(김재영)(UNIST), Jongho Park(박종호)[KHU]

10:00~10:10 휴식시간

은하 진화 / 은하단 2

Galaxy evolution / Galaxy clusters 2

좌장 : Maurice van Putten[Sejong University]

10:10~10:25 구 GC-07

Testing LAEs and LBGs as Tracers of Large-Scale Structures at High Redshifts

Sang Hyeok Im(임상혁), Ho Seong Hwang(황호성)[SNU], collaborators in HR5 and ODIN

10:25~10:40 구 GC-08

Machine-Assisted Anatomy of Galactic Environments: Deep Insights into Galaxy Distributions with the Variational Autoencoder

Eun-Taek Gim(김은택)[Yonsei University], Jun-Sung Moon(문준성)[SNU], Suk-Jin Yoon(윤석진)[Yonsei University]

10:40~10:55 구 GC-09

Emergence of the Galaxy Morphology-Star Formation Activity-Clustercentric Radius Relations in Galaxy Clusters

Sungwook E. Hong(홍성욱)[KASI/UST], Changbom Park(박창범), Preetish K. Mishra[KIAS], Juhan Kim(김주한)[KIAS], Brad K. Gibson[Woodmansey Primary School], Yonghwi Kim[KAIST], C. Gareth Few[Woodmansey Primary School]

10:55~11:10 구 GC-10

Weak Lensing and Spectroscopic Evidence of Post-Merger Event in Abell 2443

Hyojeong Kim(김효정), Hyejeon Cho(조혜전)[Yonsei University], Kyle Finner[IPAC/Yonsei University], M. James Jee[Yonsei University/University of California]

11:10~11:25 구 GC-11

Galaxy Cluster Mergers and Cosmological Shockwaves in the TNG-Cluster Simulation

Wonki Lee(이원기), M. James Jee(지명국)[Yonsei University]

11:25~11:40 구 GC-12

Exploring High-Redshift Cluster Galaxies with HST: Probing Mass Profiles through Decomposition of Galaxy-Galaxy Lensing Signals

Hyegyeong Kim(김혜경)[Yonsei University], M. James Jee(지명국)[Yonsei University/University of California]

점심시간

11:40~13:10

여성분과 런천세션 및 총회

13:10~14:00

포스터발표

제1발표장 둘째날 : 10월 17일 (목)

은하 진화 / 은하단 3

Galaxy evolution / Galaxy clusters 3

좌장 : Junhan Kim (김준한)[KAIST]

14:00~14:15 구 GC-13

The Simulated SPHEREx Spectra of Type 1 AGNs

Hayeong Jeong(정하영), Dohyeong Kim(김도형)[PNU]

14:15~14:30 구 GC-14

Red Type-1 Quasars after Cosmic Noon and Impact on L_UV-related Quasar Statistics

Yongjung Kim(김용정)[KASI/KNU], Dohyeong Kim(김도형)[PNU], Myungshin Im(임명신)[SNU],
Minjin Kim(김민진)[KNU]

14:30~14:45 구 GC-15

Eddington ratios of dust-obscured quasars at $z < 1$

Dohyeong Kim(김도형)[PNU], Yongjung Kim(김용정)[KASI], Myungshin Im(임명신)[SNU],
Minjin Kim(김민진)[KNU], Gu Lim(dlarn)[PNU]

14:45~15:00 구 GC-16

The Impact of Positive AGN Feedback on the Properties of Galaxies in a Semi-Analytic Model of Galaxy Formation

Emanuele Contini, Sukyoung K. Yi(이석영), Seyoung Jeon(전세영)[Yonsei University],
Jinsu Rhee(이진수)[Yonsei University/KASI]

15:00~15:15 구 GC-17

Discovery of milli-arcsecond scale jets of Double-lobed Radio-loud AGNs in spiral galaxies.

Min-Gyu Ryu(류민규)[KNU], Jae-Young Kim(김재영)[UNIST/MPIfR]

15:15~15:30 구 GC-18

Kinematics from the jet analyzation of a spiral DRAGN 0313-192

Seung Yeon Lee(이승연)[KNU], Jae-Young Kim(김재영)[UNIST/MPIfR]

15:30~15:50 사진촬영

개회식 및 시상

- 개회사 : 박병곤 한국천문학회 학회장

- 시상

15:50~16:20

+ 셋별상 : 김다찬 회원(충남대학교)

+ 소남 학술상 : 안영숙 회원(한국천문연구원)

+ 학술상 : 이병철 회원(한국천문연구원)

+ 젊은천문학자상 : 김재영 회원(UNIST), 박종호 회원(경희대학교)

+ 공로패 : 권석민 회원(강원대학교)

초청강연 4

좌장 : Byeong-Gon Park (박병곤)[KASI]

16:20~17:00 초 IT-04

Multi-messenger Astronomy, Dark Sirens and Cosmology

Hyung Mok Lee(이형목)[SNU]

17:00~18:30 정기총회

18:30~21:00 만찬

제2발표장 둘째날 : 10월 17일 (목)

초청강연 3 [제1발표장]

좌장 : Bong Won Sohn (손봉원)[KASI]

09:20~10:00 초 IT-03

Advancing Supermassive Black Hole Research with the Event Horizon Telescope

Jae-Young Kim(김재영)(UNIST), Jongho Park(박종호)[KHU]

10:00~10:10 휴식시간

[특] 중력파

Gravitational Wave Science Research

좌장 : Hyung Mok Lee (이형목)[SNU]

10:10~10:25 구 GW-01

Gaussian Mixture Modelling in the search for generic transient gravitational waves in the third LIGO-Virgo-KAGRA Observing Run

Jiyeon Sun(선지윤)[Chung-Ang University]

10:25~10:40 구 GW-02

Classification and Analysis of KAGRA Glitch

Kihyun Jung(정기현), Kyujin Kwak(곽규진)(UNIST)

10:40~10:55 구 GW-03

Autoregressive search from unmodeled gravitational waves

Sangin Kim(김상인)[CNU]

10:55~11:10 구 GW-04

Gravitational lensing of gravitational waves

Kyungmin Kim (김경민)[KASI]

11:10~11:25 구 GW-05

DQ impact on Neutron Star Search in Gravitational-Wave Observation

Young-Min Kim(김영민)[KASI]

11:25~11:40 구 GW-06

YeMiGO and ENIGMA: Analysis of Micro-Gravity Data and its Application Sciences

John J. Oh(오정근), Edwin J. Son(손재주), Hwansun Kim(김환선), Jeongcho Kim(김정초)[NIMS],
Jeong Woo Kim(김정우), Javad M. Dehghan[University of Calgary],

Ik Woo(우익)[Kunsan National University], Yoshihiro Ito[National Yang Ming Chiao Tung University],

Yoshiyuki Tanaka[Kyoto University], Heping Sun, Xiaodong Chen[University of Tokyo],

Cheinway Hwang, Ching-Chung Cheng[Chinese Academy of Sciences], Sang Wook Bae(배상욱),

Heejun Yoon(윤희준)[KAIST]

점심시간

11:40~13:10

광학분과 총회

13:10~14:00

포스터발표

제2발표장 둘째날 : 10월 17일 (목)

항성 / 항성계 / 외계행성 1

Star, Stellar Systems / Exoplanets

좌장 : Sang-Hyun Chun (천상현)[KASI]

14:00~14:30 박 SA-01

Exploring Asteroseismic Scaling Relations of Evolved Stars in Star Clusters

Yun-A Jo(조윤아), Heon-Young Chang(장헌영)[KNU]

14:30~14:45 구 SA-02

Physical Properties from the Integrated Spectra of Young Massive Clusters in NGC 4038/9

Jae-Rim Koo(구재림), Hyun-Jeong Kim(김현정), Beomdu Lim(임범두)[Kongju National University]

14:45~15:00 구 SA-03

Gran 5: a new globular cluster with metallicity variation

Dongwook Lim(임동욱)[Yonsei University], Sang-Hyun Chun(천상현)[KASI], Young-Wook Lee(이영욱),

Chul Chung(정철)[Yonsei University], Andreas J. Koch-Hansen[ZAH/ARI],

Seungsoo Hong(홍승수)[SNU]

15:00~15:15 구 SA-04

Infrared Properties of SiO, H₂O, and OH Maser Sources

Sangin Lee(이상인)[CBNU/Astrocamp Sejong], Kyung-Won Suh(서경원)[CBNU]

15:15~15:30 구 SA-05

Survey of S-type AGB Stars using the KVN 4-band Receiving System: SMASTES II.

Seong-Min Son(손성민)[CBNU/SNU], Se-Hyung Cho(조세형)[SNU/KASI],

Jaeheon Kim(김재현)[KASI/SNU], Hyun Baek(백현)[SNU/CBNU], Dong-Hwan Yoon(윤동환)[KASI],

Kyung-Won Suh(서경원)[CBNU]

15:30~15:50 사진촬영

개회식 및 시상

- 개회사 : 박병곤 한국천문학회 학회장

- 시상

15:50~16:20

+ 셋별상 : 김다찬 회원(충남대학교)

+ 소남 학술상 : 안영숙 회원(한국천문연구원)

+ 학술상 : 이병철 회원(한국천문연구원)

+ 젊은천문학자상 : 김재영 회원(UNIST), 박종호 회원(경희대학교)

+ 공로패 : 권석민 회원(강원대학교)

초청강연 4 [제1발표장]

좌장 : Byeong-Gon Park (박병곤)[KASI]

16:20~17:00 초 IT-04

Multi-messenger Astronomy, Dark Sirens and Cosmology

Hyung Mok Lee(이형목)[SNU]

17:00~18:30 정기총회

18:30~21:00 만찬

제3발표장 둘째날 : 10월 17일 (목)

초청강연 3 [제1발표장]

좌장 : Bong Won Sohn (손봉원)[KASI]

09:20~10:00 초 IT-03

Advancing Supermassive Black Hole Research with the Event Horizon Telescope

Jae-Young Kim(김재영)(UNIST), Jongho Park(박종호)(KHU)

10:00~10:10 휴식시간

고천문학 / 천문역법

Historical Astronomy

좌장 : Hong-Jin Yang (양홍진)[KASI]

10:10~10:25 구 HA-01

Trends of Royal Astronomers after the Gabo Reform

Go-Eun Choi(최고은)[CBNU]

10:25~10:40 구 HA-02

A study on the sundial of Sang Jik-hyeon in the late Joseon Dynasty

Sang Hyuk Kim(김상혁)[KASI], Yong-Hyun Yun(윤용현)[NSM],
Byeong-Hee Mihn(민병희)[KASI/UST/CBNU], Yong Sam Lee(이용삼)[CBNU]

10:40~10:55 구 HA-03

A Study on the Model of the First Angbu-ilgu Created on the Basis of the Inscription Recorded in the Annals of the Joseon Dynasty

Byeong-Hee Mihn(민병희)[KASI/UST/CBNU], Ki-Won Lee(이기원)[Daegu Catholic University],
Sang Hyuk Kim(김상혁)[KASI], Ji-Won Park(박기원)[CNU]

10:55~11:10 구 HA-04

Consideration of evection among the Moon's equations of center in the Siheon Almanac

Seung-Urn Choe(최승언)[SNU]

11:40~13:10

점심시간

광학분과 총회

13:10~14:00

포스터발표

고에너지 / 이론천문학

High energy astronomy / Theoretical astronomy

좌장 : Dongsu Ryu (류동수)[UNIST]

14:00~14:15 구 HT-01

Impact of Decaying Magnetic Turbulence on Cosmic-Ray Electron Acceleration and the Radio Spectrum Behind Relic Shocks

Hyesung Kang(강혜성)[PNU]

14:15~14:30 구 HT-02

Estimating the density profile of the kilonova AT2017gfo.

Donggeun Tak(탁동근)[SNU]

14:30~14:45 구 HT-03

HAWC Observations of TeV Emissions from the Pulsar Wind Nebula Powered by PSR J1849-0001

Youngwan Son(손영완), Ian James Watson[University of Seoul]

제3발표장 둘째날 : 10월 17일 (목)

고에너지 / 이론천문학

High energy astronomy / Theoretical astronomy

좌장 : Dongsu Ryu (류동수)[UNIST]

14:45~15:00 구 HT-04

Effect of Constant Opacity on the Emission Spectrum of an Irradiated Circumbinary Disk in a Binary Black Hole System

Saemi Bang(방새미)[CBNU], Atuso T. Okazaki[Hokkai-Gakuen University], Kimitake Hayasaki[CBNU]

15:00~15:15 구 HT-05

X-ray analysis of PSR J1838-0655 and its Pulsar Wind nebula

Minseo Park(박민서), Chanho Kim(김찬호), Jaegun Park(박재근), Hongjun An(안홍준)[CBNU]

15:30~15:50 사진촬영

개회식 및 시상

- 개회사 : 박병곤 한국천문학회 학회장

- 시상

15:50~16:20

+ 셋별상 : 김다찬 회원(충남대학교)

+ 소남 학술상 : 안영숙 회원(한국천문연구원)

+ 학술상 : 이병철 회원(한국천문연구원)

+ 젊은천문학자상 : 김재영 회원(UNIST), 박종호 회원(경희대학교)

+ 공로패 : 권석민 회원(강원대학교)

초청강연 4 [제1발표장]

좌장 : Byeong-Gon Park (박병곤)[KASI]

16:20~17:00 초 IT-04

Multi-messenger Astronomy, Dark Sirens and Cosmology

Hyung Mok Lee(이형목)[SNU]

17:00~18:30 정기총회

18:30~21:00 만찬

제4발표장 둘째날 : 10월 17일 (목)

초청강연 3 [제1발표장]

좌장 : Bong Won Sohn (손봉원)[KASI]

09:20~10:00 초 IT-03

Advancing Supermassive Black Hole Research with the Event Horizon Telescope

Jae-Young Kim(김재영)(UNIST), Jongho Park(박종호)(KHU)

10:00~10:10 휴식시간

성간물질/별생성/우리은하 2

좌장 : Jihye Hwang (황지혜)[KASI]

Interstellar matter/Star formation/Milky Way Galaxy

10:10~10:40 박 IM-07

From Dust to Planets: When Do Grains Grow in Disks?

Ilseung Han (한일승)[SNU/UST/KASI], Woojin Kwon (권우진)[SNU],
Sang-Sung Lee (이상성)[KASI/UST], Yusuke Aso[KASI/UST]

10:40~10:55 구 IM-08

The possible magnetically driven streamers around the HH 211 protostellar system

Youngwoo Choi(최영우), Woojin Kwon(권우진)[SNU]

10:55~11:10 구 IM-09

Contrasting orientations of magnetic fields in the Class 0 protostellar system L1527 IRS

Hanju Nam(남한주), Woojin Kwon(권우진), Youngwoo Choi(최영우)[SNU]

10:40~10:55 구 IM-10

The Intracluster Light and Its Link with the Dynamical State of the Host Group/Cluster: The Role of the Halo Concentration

Hyunwook Jheonn(전현욱), Jeong-Eun Lee(이정은), Jinho Lee(이진호), Carlos Contreras Peña,
Seonjae Lee(이선재)[SNU]

10:55~11:10 구 IM-11

Population III Star Formation in an X-ray Background

Jongwon Park(박종원)[Yonsei University/University of Maryland],
Massimo Ricotti[University of Maryland], Kazuyuki Sugimura[Hokkaido University]

11:40~13:10

점심시간

광학분과 총회

13:10~14:00

포스터발표

태양계
Solar System

좌장 : Myung-Jin Kim (김명진)[KASI]

14:00~14:15 석 SS-01

Asteroid Classification Study Using Machine Learning

Wooseok Kim(김우석)[Yonsei university]

14:15~14:30 구 SS-02

Surface dynamics of DESTINY+ target (3200) Phaethon

Hangbin Jo(조항빈), Masateru Ishiguro[SNU], Derek C. Richardson[University of Maryland],
Sean Marshall[University of Central Florida]

14:30~14:45 구 SS-03

Korean Rubin Data Right Holder Status Update and Next Step Forward

Narae Hwang(황나래), Yun-Kyeong Sheen(신윤경), Yujin Yang(양유진), Hong Soo Park(박홍수),
Byeong-Gon Park(박병곤)[KASI]

제4발표장 둘째날 : 10월 17일 (목)

15:30~15:50 사진 촬영

개회식 및 시상

- 개회사 : 박병곤 한국천문학회 학회장
- 시상

15:50~16:20

- + 셋별상 : 김다찬 회원(충남대학교)
- + 소남 학술상 : 안영숙 회원(한국천문연구원)
- + 학술상 : 이병철 회원(한국천문연구원)
- + 젊은천문학자상 : 김재영 회원(UNIST), 박종호 회원(경희대학교)
- + 공로패 : 권석민 회원(강원대학교)

초청강연 4 [제1발표장]

좌장 : Byeong-Gon Park (박병곤)[KASI]

16:20~17:00 초 IT-04

Multi-messenger Astronomy, Dark Sirens and Cosmology

Hyung Mok Lee(이형목)[SNU]

17:00~18:30 정기총회

18:30~21:00 만찬

제1발표장 세째날 : 10월 18일 (금)

초청강연 5

좌장 : Moo-Young Chun (천무영)[KASI]

09:20~10:00 초 IT-05

Rubin Observatory: Commissioning Status

Kevin Reil [Rubin Observatory, SLAC National Accelerator Laboratory]

초청강연 6

좌장 : Arman Shafieloo[KASI]

10:00~10:40 초 IT-06

Who Is Afraid of the Dark (Energy)?

Eric Linder[UC Berkeley]

10:40~11:00

휴식시간

은하 진화 / 은하단 4

Galaxy evolution / Galaxy clusters 4

좌장 : Yongjung Kim (김용정)[KASI]

11:00~11:30 박 GC-19

Optical Follow-up Study of Gravitational-wave Sources: Analysis Software, Observations of Transients, and Constraints on Kilonova Properties

Gregory S.H. Paek(백승학)[SNU]

11:30~11:45 구 GC-20

The Critical Role of Host Age: Evidence from a Larger Sample of Type Ia Supernova Host Galaxies Across a Broader Redshift Range

Chul Chung(정철), Seunghyun Park(박승현), Junhyuk Son(손준혁), Hyejeon Cho(조혜전), Young-Wook Lee(이영욱)[Yonsei University]

11:45~12:00 구 GC-21

Host Galaxies of Type Ia Supernovae: Unveiling Supernova Magnitude Steps as Functions of Host Properties

Seunghyun Park(박승현), Young-Wook Lee(이영욱), Chul Chung(정철), Junhyuk Son(손준혁), Hyejeon Cho(조혜전)[Yonsei University]

12:00~12:15 구 GC-22

The Influence of Mechanical Supernova Feedback on Satellite Galaxies in Massive Elliptical Hosts

Sumi Kim(김수미), Ena Choi(최이나)[University of Seoul], Amanda C. N. Quirk[Columbia University], Rachel S. Somerville[Flatiron Institute], Jeremiah P. Ostriker[Columbia University/Princeton University], Michaela Hirschmann[Institute for Physics/INAF], Thorsten Naab[Max-Planck-Institut]

12:15~12:30 구 GC-23

Size of Globular Cluster Systems in Nearby Early-Type Galaxies and Their Dark Matter Halos

Sungsoon Lim[Yonsei University], Eric W. Peng[NSF's NOIRLab], Patrick Cote[NRC-Canada], the NGVS and MATLAS teams in Eng. ...

12:30~13:30

점심시간

은하 진화 / 은하단 5

Galaxy evolution / Galaxy clusters 5

좌장 : Jeffrey Hodgson[Sejong University]

13:30~13:45 구 GC-24

Exploring the dynamics of parsec-scale jets in the neutrino blazar PKS 0735+178

Yu-Sik Kim(김유식)[KNU], Jae-Young Kim(김재영)[UNIST/MPIfR]

13:45~14:00 석 GC-25

Probing the persistency of the ring-like structure in M87 using 86 GHz global VLBI observations

Deokhyeong Lee(이덕형)[KNU], Jae-Young Kim(김재영)[UNIST/MPIfR]

제1발표장 세째날 : 10월 18일 (금)

은하 진화 / 은하단 5

Galaxy evolution / Galaxy clusters 5

좌장 : Jeffrey Hodgson[Sejong University]

14:00~14:15 구 GC-26

Galaxy Mergers and AGN Activation: Insights from Cosmological Simulations and JWST Mock Observations

Hannah Jhee(지한나), Ena Choi(최이나)[University of Seoul], Rachel S. Somerville[Flatiron Institute], Dale D. Kocevski[Colby College], Michaela Hirschmann[EPFL/University of Copenhagen], Thorsten Naab[Max-Planck-Institut], Desika Narayanan[University of Florida], Jeremiah P. Ostriker[Columbia University]

14:15~14:30 구 GC-27

The photometric feature distances among the spectral types of SDSS galaxies

Duho Kim(김두호)[CNU]

14:30~14:40

휴식시간

[특] KLST

좌장 : Jae-Woo Kim (김재우)[KASI]

14:40~14:55 구 KLST-01

Overview: Feasibility Study for the Next-generation Spectroscopic Survey with Dedicated Large Telescopes

Sungwook E. Hong(홍성욱), Arman Shafieloo[KASI/UST], Jae-Woo Kim(김재우)[KASI], Changbom Park(박창범)[KIAS], Ho Seong Hwang(황호성), Jubee Sohn(손주비)[SNU]

14:55~15:10 구 KLST-02

Domestic/international trends on astronomical surveys with large telescopes

Arman Shafieloo, Jae-Woo Kim(김재우)[KASI]

15:10~15:25 구 KLST-03

System requirements and concept study of a telescope for large spectroscopic survey

Yunjong Kim(김윤종)[KASI/UST], Jaehyun Kyeong(경재만), Hyoungkwon Lee(이형권)[Leo Space Co.], Jeong-Yeol Han(한정열)[KASI/UST], Chung-Uk Lee(이충욱), Jae-Woo Kim(김재우), Byeong Gon Park(박병곤)[KASI], Il Kweon Moon(문일권)[KRISS], Junghwan In(인정환)[Korea Photonics Technology Institute], Ryou Junghun(류정훈)[Green Optics Co.], Young-Man Choi(최영만)[Ajou University], Sang Yeong Park(박상영), Young Soo Kim(김영수)[Hanwha Systems], Sungwook E. Hong(홍성욱)[KASI/UST]

15:25~15:40 구 KLST-04

Spectroscopic study of stars and exoplanets using the future Korean large spectroscopic survey

Sang-Hyun Chun(천상현), Soung-Chul Yang(양성철)[KASI], Deokkeun An(안덕근)[Ewha Womans University], Young Sun Lee(이영선)[CNU], Beomdu Lee(이범두)[Kongju National University], Sun-Ju Chung(정선주), Kyeongsoo Hong(홍경수)[KASI]

15:40~15:55 구 KLST-05

Exploring Galaxies and Galaxy Clusters Using The Future Korean Large Spectroscopic Survey

Jubee Sohn(손주비), Ho Seong Hwang(황호성)[SNU], Hong Soo Park(박홍수), Yun-Kyeong Sheen(신윤경), Kyuseok Oh(오규석)[KASI], Seong-Kook Lee(이성국)[SNU], Jong Chul Lee(이종철), Joon Hyeop Lee(이준협)[KASI]

15:55~16:10 구 KLST-06

Resolving cosmological challenges with a dedicated large-scale spectroscopic survey

David Parkinson[KASI], Changbom Park(박창범)[KIAS], on behalf of the cosmology group

16:10~16:20

우수포스터상 시상 및 폐회

제2발표장 세째날 : 10월 18일 (금)

초청강연 5 [제1발표장]

좌장 : Moo-Young Chun (천무영)[KASI]

09:20~10:00 초 IT-05

Rubin Observatory: Commissioning Status

Kevin Reil [Rubin Observatory, SLAC National Accelerator Laboratory]

초청강연 6 [제1발표장]

좌장 : Arman Shafieloo[KASI]

10:00~10:40 초 IT-06

Who Is Afraid of the Dark (Energy)?

Eric Linder[UC Berkeley]

10:40~11:00

휴식시간

천문우주관측기술

Astronomical Instrumentation

좌장 : Chung-Uk Lee (이충욱)[KASI]

11:00~11:20 초 AT-01

The TAO 6.5m Telescope Project

Kentaro Motohara[University of Tokyo/NAOJ]

11:20~11:35 구 AT-02

Status Report of the 7-Dimensional Telescope and the 7-Dimensional Sky Survey

Ji Hoon Kim(김지훈), Myungshin Im(임명신), Seo-Won Chang(장서원), Hyeonho Choi(최현호),
Gregory S. H. Paek(백승학)[SNU]

11:35~11:50 구 AT-03

Development on the robotic telescope array control system for 7-Dimensional Telescope

Hyeonho Choi(최현호), Myungshin Im(임명신), Ji Hoon Kim(김지훈)[SNU]

11:50~12:05 구 AT-04

AI Alignment Simulation of K-DRIFT : A Comparative Study of Sensitivity-table Method and AI

Seonwoo Kim(김선우), Yunjong Kim(김윤종), Jihun Kim(김지훈), Jongwan Ko(고종완)[KASI/UST],
Kyohoon Ahn(안교훈), Se-Heon Jeong(정세현), Seonghwan Choi(최성환)[KASI],
Heuisung Cho(조희성)[Radiant Solution], Hyuntaek Choi(최현택)[Ansys Korea],
Youngwoo Cho(조영우)[KAIST], Jaewon Lee(이재원)[KHU]

12:05~12:20 구 AT-05

KMTNet Optical Followup of Gravitational Wave Triggers in the LIGO-Virgo-KAGRA O4 Run

Seo-Won Chang(장서원), Myungshin Im(임명신), Mankeun Jeong(정만근),
Gregory S. H. Paek(백승학), Joonho Kim(김준호)[SNU], Chung-Uk Lee(이충욱)[KASI]

12:20~12:35 구 AT-06

Investigating the Effects of Point-like Source Injection Strategies on KMTNet Real/Bogus Classification.

Dongjin Lee(이동진)[POSTECH], Changwan Kim(김창완), Seo-Won Chang(장서원),
Gregory S.H. Paek(백승학), Mankeun Jeong(정만근), Hongjae Moon(문홍재)[SNU],
Seong-Heon Lee(이성현), Jae-Hun Jung(정재훈)[POSTECH], Myungshin Im(임명신)[SNU]

12:35~12:50 구 AT-07

Design and Performance Evaluation of SQUIDPOL for the SNU Pyeongchang 60-cm Telescope

Sunho Jin(진선호), Masateru Ishiguro, Jooyeon Geem(김주연)[SNU], Woojin Park(박우진),
Heeyoung Oh(오희영), Chan Park(박찬)[KASI], Bumhoo Lim(임범호)[SNU], Seungwon Choi(최성완),
Jinguk Seo(서진국)[SNU]

12:30~13:30

점심시간

제2발표장 세째날 : 10월 18일 (금)

우주론, 암흑물질, 암흑에너지 2

Cosmology / Dark Matter, Dark Energy 2

좌장 : Chul Chung (정철)[Yonsei University]

13:30~13:45 구 CD-06

Galaxy dynamics tracing quantum cosmology beyond Λ CDM below the de Sitter scale of acceleration

H.P.M. van Putten[Sejong University/INAF-OAS]

13:45~14:00 구 CD-07

Model independent approach for calculating galaxy rotation curves for low S/N MaNGA galaxies

Sangwoo Park(박상우), Arman Shafieloo[KASI/UST], Satadru Bag[Technical University of Munich/Max-Planck-Institut], Mikhail Denissenya[Nazarbayev University], Eric V. Linder[University of California/LBNL], Adarsh Ranjan[STScI]

14:00~14:15 구 CD-08

Inferring Cosmological Parameters on SDSS via Domain-Generalized Neural Networks and Lightcone Simulations

Jun-Young Lee(이준영), Ji-hoon Kim(김지훈), Minyong Jung(정민영)[SNU], Boon Kiat Oh[University of Connecticut,], Yongseok Jo(조용석)[Columbia University], Songyoung Park(박송연)[SNU], Jaehyun Lee(이재현)[KASI], Yuan-Sen Ting[Australian National University/Ohio State University], Ho Seong Hwang(황호성)[SNU]

14:15~14:30 구 CD-09

O_m diagnostics with Gaussian process regression

Seung-gyu Hwang(황승규), Benjamin L'Huillier[Sejong University]

14:30~14:40

휴식시간

항성 / 항성계 / 외계행성 2

Star, Stellar Systems / Exoplanets

좌장 : Youngdae Lee (이영대)[CNU]

14:40~15:10 박 SA-06

Effects of Radiative Diffusion and Thermal Stratification on Dynamical Evolution of Protoplanetary Disks

Han-Gyeol Yun(윤한결), Woong-Tae Kim(김웅태)[SNU], Jaehan Bae(배재한)[University of Florida]

15:10~15:25 구 SA-07

Simultaneous photometric and spectroscopic monitoring of symbiotic recurrent nova T CrB

Hojae Ahn(안호재), Joonhee Park(박준희), Soojong Pak(박수종)[KHU]

15:25~15:40 구 SA-08

Spectroscopy analysis of hydrogen-deficient giant stars as type I supernovae progenitor: uSgr, KS Per, and LSS 4300

Heesu Kym(김희수), Sung-Chul Yoon(윤성철)[SNU], Luc Dessart[CNRS-Sorbonne Université], Ho-Gyu Lee(이호규), Jae-Joon Lee(이재준), Narae Hwang(황나래), Byeong-Gon Park(박병곤)[KASI]

15:40~15:55 구 SA-09

High-cadence Optical Observations of a Normal Type Ia Supernova 2018kp from its Early Phase

Gu Lim(임구)[PNU], Changsu Choi(최창수), Myungshin Im(임명신), Sung-Chul Yoon(윤성철), Gregory S.H. Paek(백승학), Sophia Kim(김소피아)[SNU], Joonho Kim(김준호)[SNU/DNSM], Hyun-II Sung(성현일)[KASI], Mankeun Jeong(정만근), Bomi Park(박보미), Insu Paek(백인수), Seong-Kook Lee(이성국)[SNU], Yongjung Kim(김용정), Yongmin Yoon(김용민)[KASI], Yoon Chan Taak(탁윤찬)[University of California/SNU], Soojong Pak(박수종), Tae-Geun Ji(지태근), Hojae Ahn(안호재)[KHU], Wonseok Kang(강원석)[Spacebeam Inc.], Taewoo Kim(김태우)[Spacebeam Inc./CBNU], Shuhrat Ehgamberdiev[UBAI/National University of Uzbekistan], Otabek Burhonov, Davron Mirzaqulov[UBAI], Dohyeong Kim(김도형)[PNU]

제2발표장 세째날 : 10월 18일 (금)

항성 / 항성계 / 외계행성 2
Star, Stellar Systems / Exoplanets

좌장 : Youngdae Lee (이영대)[CNU]

15:55~16:10 구 SA-10

Detection of Carbon Monoxide and Dust in type II SN 2023ixf Using Near-Infrared spectroscopy

Seong Hyun Park(박성현)[SNU], Jeonghee Rho(노정희)[SETI Institute], Sung-Chul Yoon(윤성철)[SNU], Jeniveve Pearson³, Manisha Shrestha[Steward Observatory], Samaporn Tinyanont[National Astronomical Research Institute of Thailand/University of California], Tom R. Geballe[Gemini Observatory/NSF's NOIRLab,], Ryan Foley[University of California], Aravind P. Ravi[University of California], Jennifer Andrews[Gemini Observatory/NSF's NOIRLab], David J. Sand, K. Azalee Bostroem[Steward Observatory], Chris Ashall[Virginia Polytechnic Institute and State University], Peter Hoeflich, Melissa Shahbandeh[Florida State University], Nathan Smith[Steward Observatory], D. Andrew Howell[Las Cumbres Observatory/University of California], Stefano Valenti⁷, Yize Dong, Nicolas Meza Retamal, Emily Hoang, Darshana Mehta[University of California]

16:10~16:20

우수포스터상 시상 및 폐회

제3발표장 세째날 : 10월 18일 (금)

초청강연 5 [제1발표장]

좌장 : Moo-Young Chun (천무영)[KASI]

09:20~10:00 초 IT-05

Rubin Observatory: Commissioning Status

Kevin Reil [Rubin Observatory, SLAC National Accelerator Laboratory]

초청강연 6 [제1발표장]

좌장 : Arman Shafieloo[KASI]

10:00~10:40 초 IT-06

Who Is Afraid of the Dark (Energy)?

Eric Linder[UC Berkeley]

10:40~11:00

휴식시간

[특] K-DRIFT

좌장 : Jihye Shin (신지혜)[KASI]

11:00~11:15 구 KDRIFT-01

K-DRIFT Project Update: K-DRIFT G1 ready to roll out in 2025

Jongwan Ko(고종완)[KASI/UST], K-DRIFT team

11:15~11:30 구 KDRIFT-02

Design and development of KASI Deep Rolling Imaging Fast Telescope (K-DRIFT)

Il Kweon Moon(문일권)[KRISS], Dohoon Kim(김도훈)[Green Optics Co.],
Huksun Kwon(권현선)[ADSOLUTION Co.], Changhee Lee(이창희)[Green Optics Co.],
Yunjong Kim(김윤종), Jongwan Ko(고종완)[KASI/UST], Yeonsik Kim(김연식)[KASI/KNU],
Jihun Kim(김지현)[KASI/UST], Seunghyuk Chang(장승혁)[Center for Integrated Smart Sensors],
K-DRIFT Team

11:30~11:45 구 KDRIFT-03

K-DRIFT G1 Tolerance Analysis & Integration

Yunjong Kim(김윤종)[KASI/UST], Dohoon Kim(김도훈), Changhee Lee(이창희)[Green Optics Co.],
Seunghyuk Chang(장승혁)[Center for Integrated Smart Sensors], Jihun Kim(김지현)[KASI/UST],
Il Kweon Moon(문일권)[KRISS], Huksun Kwon(권현선)[ADSOLUTION Co.],
Woowon Byun(변우원)[KASI], Yongseok Lee(이용석)[KASI/KHU], Kyohoon Ahn(안교훈)[KASI],
Yeonsik Kim(김연식)[KASI/KNU], Gayoung Lee(이가영)[KASI/UST], Daewook Kim(김대욱)[University of
Arizona], Jongwan Ko(고종완)[KASI/UST]

11:45~12:00 구 KDRIFT-04

Stray light analysis of K-DRIFT: Characterization of stray light for K-DRIFT G1

Jihun Kim(김지현), Yunjong Kim(김윤종), Gayoung Lee(이가영), Seunghyuk Chang(장승혁)[Center
for Integrated Smart Sensors], Il Kweon Moon(문일권)[KRISS], Huksun Kwon(권현선)[ADSOLUTION
Co.], Dohoon Kim(김도훈), Changhee Lee(이창희)[Green Optics Co.], Woowon Byun(변우원),
Yongseok Lee(이용석)[KASI/KHU], Yeonsik Kim(김연식), Seonwoo Kim(김선우)[KASI/KNU],
Daewook Kim(김대욱)[University of Arizona], Jongwan Ko(고종완)[KASI/UST]

12:00~12:15 구 KDRIFT-05

K-DRIFT G1 Operation Plan

Woowon Byun(변우원), Yongmin Yoon(윤용민)[KASI], Kwang-II Seon(선광일),
Jongwan Ko(고종완)[KASI/UST]

12:15~12:30 구 KDRIFT-06

A new approach to study low-surface-brightness (LSB) structures in and around galaxies:
Galaxy Replacement Technique (GRT)

Kyungwon Chun(천경원)[KASI], Jihye Shin(신지혜)[KASI/UST], Rory Smith[Universidad Técnica
Federico Santa María], Jongwan Ko(고종완)[KASI/UST], Jaewon Yoo(유재원)[KIAS]

12:30~13:30

점심시간

제3발표장 세째날 : 10월 18일 (금)

[특] ALMA 1

좌장 : Seokho Lee (이석호)[KASI]

- 13:30~14:00 초 ALMA-01
Korean ALMA Project: Past, Now and Future
Jongsoo Kim(김종수)[KASI]
- 14:00~14:15 구 ALMA-02
East Asia ALMA Regional Center Korean node activities
Aran Lyo(여아란), Jihyun Kang(강지현), Jongsoo Kim(김종수), Min-Young Lee(이민영),
Seokho Lee(이석호), Hyung-Sik Yun(윤형식), Spandan Choudhury[KASI],
- 14:15~14:30 구 ALMA-03
Keplerian Circumbinary Disk Candidate in a High-mass Star-forming Region
Gyuhoo Lee(이규호), Kee-Tae Kim(김기태)[KASI/UST], Tie Liu, Xunchuan Liu[SHAO],
Sheng-Yuan Liu[ASIAA], & QUARKS Team

14:30~14:40 휴식시간

[특] ALMA 2

좌장 : Seokho Lee (이석호)[KASI]

- 14:40~15:10 초 ALMA-04
ALMA: a powerful tool for studies of star formation and astrochemistry
Jeong-Eun Lee(이정은)[SNU]
- 15:10~15:25 구 ALMA-05
HCN and HNC in the Disk of an Outbursting Young Star, V883 Ori
Seonjae Lee(이선재), Jeong-Eun Lee(이정은)[SNU], Seokho Lee(이석호)[KASI]
- 15:25~15:40 구 ALMA-06
My ALMA research in Korea: Polarization and eDisk
Yusuke Aso[KASI]
- 15:40~15:55 구 ALMA-07
Disk wind-driven outflows in HOPS 358 traced by various molecules
Chul-Hwan Kim(김철환), Jeong-Eun Lee(이정은)[SNU]
- 15:55~16:10 구 ALMA-08
ALMA Extragalactic Science in Korea
Bumhyun Lee (이범현)[KASI]

16:10~16:20 우수포스터상 시상 및 폐회

제4발표장 세째날 : 10월 18일 (금)

초청강연 5 [제1발표장]

좌장 : Moo-Young Chun (천무영)[KASI]

09:20~10:00 초 IT-05

Rubin Observatory: Commissioning Status

Kevin Reil [Rubin Observatory, SLAC National Accelerator Laboratory]

초청강연 6 [제1발표장]

좌장 : Arman Shafieloo[KASI]

10:00~10:40 초 IT-06

Who Is Afraid of the Dark (Energy)?

Eric Linder[UC Berkeley]

10:40~11:00

휴식시간

태양우주환경

Sun and Space Environment

좌장 : Sujin Kim (김수진)[KASI]

11:00~11:15 구 SS-04

Dynamic interaction between emerging magnetic loops and its role in solar atmospheric heating

Tetsuya Magara[SNU]

11:15~11:30 구 SS-05

Detection of a Magnetic Discontinuity in the Upper Solar Chromosphere Related to a Coronal Loop Brightening Observed by CLASP2.1

Donguk Song(송동욱)[KASI/NAOJ], Ryohko Ishikawa[NAOJ], David E. McKenzie[NASA/MSFC],
Javier Trujillo Bueno[IAC], Frederic Auchere[IAS], Ryouhei Kano[NAOJ],
Amy Winebarger[NASA/MSFC], Takenori J. Okamoto[NAOJ], Laurel A. Rachmeler[NOAA],
Ken Kobayashi, Genevieve D. Vigil[NASA/MSFC], Adam R. Kobelski[NASA/MSFC],
Christian Bethge[CU Boulder], Eun-Kyung Lim(임은경)[KASI], Luca Belluzzi[IRSOL],
Ernest Alsina Ballester, Tanausu Del Pino Aleman[IAC], Jiri Stepan[ASU]

11:30~11:45 구 SS-06

Application of the Fokker-Planck Equation for Predicting Solar Energetic Particle Events

Ji-Hoon Ha(하지훈), Jae-Hyung Lee(이재형), Sang Cheol Han(한상철), Hyon-Jun Nah(나현준)[KSWC]

11:45~12:00 구 SS-07

Transport of Alfvén waves from the solar photosphere to the interplanetary space

Jongchul Chae(채종철)[SNU]

12:00~12:15 구 SS-08

High Resolution Spectroscopic Analysis of Chromospheric Line Evolution during an Energetic Flare on AD Leo

Younghun Oh(오형훈), Jongchul Chae(채종철), Seo-Won Chang(장서원), Juhyung Kang(강주형),
Soosang Kang(강수상)[SNU]

12:15~12:30 구 SS-09

The Connection Between Chromospheric Transverse MHD Waves and Coronal Abundance Fractionation in an Active Region

Kyoung-Sun Lee(이경선), Jongchul Chae(채종철)[SNU], Kyuhyoun Cho(조규현)[Baeri/LMSAL],
Hannah Kwak(곽한나)[CNU], Kyeore Lee(이겨레), Juhyung Kang(강주형)[SNU]

12:30~12:45 구 SS-10

Inwardly Propagating Patterns of Umbral Oscillations

Juhyung Kang(강주형), Jongchul Chae(채종철)[SNU]

12:30~13:30

점심시간

제4발표장 세째날 : 10월 18일 (금)

교육홍보
Education

좌장 : Jungjoo Sohn (손정주)[KNEU]

13:30~13:45 구 ED-01

Development and application of a mentoring program for social contribution activities of students participating in the International Astronomy Olympiad

Hyeju Roh(노혜주), Jungjoo Sohn(손정주)[KNEU], Kyounghee Kim(김경희),
Haejin Jung(정해진)[KAO], Youngheum Ma(마영흠)[KNEU], Hoon Jo(조훈)[KNEU/CBIST]

13:45~14:00 구 ED-02

Astronomy Education Program for Cambodian Science Teachers

Hoseop Yoon(윤호섭)[Palm Tree Ministry], Jiwon Park (박지원)[CBNU/Chungbuk Pro Maker Center],
Lael Shin(신라엘)[SNU], Hyeonoh Hur(허현오), Soonchang Park(박순창)[Metaspace],
Jungjoo Sohn (손정주)[KNEU], Aran Lyo(여아란), Jeong Ae Lee(이정애)[KASI],
the members of the Overseas Education Support Team

14:00~14:15 구 ED-03

Space Analog: The One and Only Astronaut Training Center Open to the Public in Korea

JaeHyung Lee(이재현)[GNSM], Sung-Ju Kang(강성주)[MORESCIENCE], Daeyoung Park(박대영),
Jaeil Cho(조재일), Insun Ahn(안인선), Yeeun Kim(김이은)[GNSM]

14:30~14:40

휴식시간

16:10~16:20

우수포스터상 시상 및 폐회

포스터 발표

고에너지 / 이론천문학(High energy astronomy/Theoretical astronomy)

PHT-01

A Heterogeneous Parallel-Optimized Code for Next-generation Cosmological Hydrodynamic Simulations

Yonghwi Kim(김용휘)[KASI], DARWIN Team

고천문학/천문역법(Historical astronomy/Ephemeris)

PHA-01

A Study on Exhibition Content Utilizing the Mechanism of the Heumgyeonggak-nu in the Joseon Dynasty

Sang Hyuk Kim(김상혁)[KASI], Kyung Ha Lee(이하경)[Kongju National University], Yong-Hyun Yun(윤용현)[Kongju National University/NSM], Byeong-Hee Mihn(민병희)[KASI/UST/CBNU]

PHA-02

Structural Analysis and Design for the Restoration Model of the Heomsi-ui (Time-Checking Instrument) from the Late Joseon Dynasty

Hong Soon Choi(최홍순)[CBNU], Sang Hyuk Kim(김상혁)[KASI], Byeong-Hee Mihn(민병희)[KASI/UST/CBNU], Kyoung-Uk Nam(남경욱)[GNSM], Geoyoung-Han Yoo(유경한)[CBNU], Yonggi Kim(김용기)[CBNU]

교육홍보(Astronomy Outreach and Education)

PED-01

Activities of Korea Young Astronomers Meeting (KYAM) in 2024

Hyeonmo Koo(구현모)[UOS], Sangin Kim(김상인)[CNU], Sumin Lee(이수민)[KHU], Byungjo Yoo(유병조)[CNU], Young Ju(주영)[UOS]

PED-02

Universal Universe with 2023 Teacher Training Program (2023TTP) of IAU-OAE

Jeong Ae Lee(이정애), Sujin Kim(김수진), Youngin Joh(조영인)[Universal Universe/KASI], Yeonhwa Im(임연화)[Universal Universe/Daejeon public school for the blind], Jonghwa Lee(이종화)[Universal Universe/Seoul National University High school], Hojun Lee(이호준)[Universal Universe/Nowon Cosmos Science Center] on behalf of Universal Universe

성간물질/별생성/우리은하(ISM/Star Formation/Milky Way Galaxy)

PIM-01

A Study of the Circumstellar Envelope of WX Psc Through ALMA and KVN Observations.

Bianca Els[UST/KASI], Kyung-Won Su(서경원)[CBNU], Youngjoo Yun(윤영주)[KASI]

PIM-02

7DT Insight: Variability in young stellar objects

Mi-Ryang Kim(김미량), Jeong-Eun Lee(이정은), Hyundong Lee(이현동)[SNU], 7DT Team

PIM-03

Catalog of the Pa α -emitting Sources on the Galactic Plane of $l = 90^\circ$ - 330°

Il-Joong Kim(김일중), Woong-Seob Jeong(정웅섭)[KASI]

PIM-04

Chemo-dynamical Properties of N- and Na-rich Stars in Milky Way

Changmin Kim(김창민), Young Sun Lee(이영선)[CNU]

PIM-05

Finding the relation between O32 and Lyman continuum escape fraction using RAMSES-RTZ2

Hyunwoo Song(송현우), Taysun Kimm(김태선), Daniel Han(한다니엘)[Yonsei University], Maxime Rey[Yonsei University/Centre de recherche Astrophysique de Lyon], Harley Katz[Yonsei University]

포스터 발표

성간물질/별생성/우리은하(ISM/Star Formation/Milky Way Galaxy)

PIM-06

A radiative transfer study on a dust cloud LDN 1642

Hyeon-Jeong Youn(윤현정), Kwang-il Seon(선광일)[KASI]

PIM-07

Revisiting the Relationship between Variance of 3D Density and Its 2D Column Density

Heesun Yoon(윤희선)[KASI], Jungyeon Cho(조정연)[CNU]

PIM-08

Accretion streamer: a possible origin of hot corio

Seokho Lee(이석호)[KASI], Jeong-Eun Lee(이정은)[SNU], eDiskteam

PIM-09

EPISODE: EC 53, the only known Periodically variable Infant Star to chase the Outburst in the next Dynamical Event - 2D structures of the asymmetric protostellar outflow of EC 53

Seonjae Lee(이선재), Jeong-Eun Lee(이정은), Chul-Hwan Kim(김환철), Hyeon-Dong Lee(이현동)[SNU],
the EPISODE team

PIM-10

ALMA band 3 and 6 Observations of a High-mass Star-forming Region, NGC6334I

Seunghyeon Lee(이승현), Kee-Tae Kim(김기태)[SNU], Tie Liu[Shanghai Astronomical Observatory],
Gyuhoo Lee(이규호)[SNU], et al.

태양계(Solar system)

PSS-01

Wide-field telescope system for the follow-up observation of asteroids

Bumhoo Lim(임범후), Masateru Ishiguro[SNU], Yoonsoo P. Bach(박운수)[KASI],
Seungwon Choi(최승원), Sihoo Ahn(안시후)[SNU], Carey M. Lisse[Johns Hopkins University],
Jooyeon Geem(김주연), Sunho Jin(진선호)[SNU]

태양우주환경(Sun and Space Environment)

PSS-02

Comparative Analysis of High-Resolution Shock Capturing Schemes for Two-Dimensional MHD Simulation of Flux Emergence in the Solar Atmosphere

Donghui Son(손동휘), Yeonwoo Jang(장연우), Tetsuya Magara[KHU]

PSS-03

Development of Post-processing Methods for the Next Generation Solar Telescope

Heesu Yang(양희수), Seong-Hwan Choi(최성환)[KASI]

PSS-04

Multiline Analysis of Radiative Relaxation Time in Umbral Oscillations

Kyeore Lee(이겨레), Jongchul Chae(채종철)[SNU]

PSS-05

How to Implement Boundary Conditions in Vector Potential Formulation in Data-Driven Quasi-static and Dynamic Simulations

Minseon Lee(이민선), G. S. Choe(최광선), Sibaek Yi(이시백), Sunjung Kim(김선정)[KHU],
Yeon Han Kim (김연한)[KASI]

PSS-06

Reinterpreting Type III-shaped Radio Bursts as Responses to Wide Coronal Shock Waves

Ryun Young Kwon(권윤영)[KASI]

포스터 발표

항성, 항성계/외계행성(Stars, Star clusters/Exoplanets)

PSA-01

Water-Poor Atmosphere of the Canonical Hot Jupiter TOI-564 b
Changwoo Kye(계창우), Sung-Chul Yoon(윤성철)[SNU], Jae-Joon Lee(이재준)[KASI],
Yeon-Ho Choi(최연호)[UST]

PSA-02

Survey of Oxygen-rich AGB Stars using the KVN 4-band Receiving System: SMASTES I.
Hyeon Baek(백현)[SNU/CBNU], Se-Hyung Cho(조세형)[SNU], Jaeheon Kim(김재현)[KASI],
Seong-Min Son(손성민)[SNU/CBNU], Dong-Hwan Yoon(윤동환)[KASI],
Kyung-Won Suh(서경원)[CBNU]

PSA-03

Connections between Planetary Populations and Chemical Characteristics of Their Host Stars
Sol Yun(윤솔), Young Sun Lee(이영선), Young Kwang Kim(김영광)[CNU], Timothy C. Beers[University of
Notre Dame/JINA-CEE], Berfin Togay[CNU], Dongwook Lim(임동욱)[Yonsei University]

PSA-04

Time-series photometry of recurrent nova T CrB using a color cooled CMOS camera and small
telescope
Sang Hyun Lee(이상현)[KASI/University of Ulsan], Inyeong Jang(장인영), JuHyun Kang(강주현),
Eunbi Yi(이은비)

PSA-05

Resonant Structures in Exozodiacal Clouds created by Habitable Zone exo-Earths
Seung-yoo Lee(이승유), Masateru Ishiguro, Hangbin Jo(조항빈)[SNU]

PSA-06

Stellar Activity Across the Galactic Disk: Investigating Age-Dependence in 13 Million FGK
Dwarfs with SkyMapper DR4
Seo-Won Chang (장서원)[SNU], Christian Wolf, Christopher A. Onken[Australian National University]

특별세션1-GW(Gravitational Wave Science Research)

PGW-01

Using Audio Transfer Learning to Detect and Estimate Binary Eccentricity in Gravitational Wave
Data
Cristiano G. Sabiu[University of Seoul], Elahe Khalouei[SNU], Hyung Mok Lee(이형목)[SNU]

특별세션3-K-DRIFT

PKDRIFT-01

Fabrication and Testing of Freeform Mirrors for the KASI Deep Rolling Imaging Fast Telescope
(K-DRIFT)
Dohoon Kim(김도훈)[Green Optics Co.], Il Kweon Moon(문일권)[KRISS],
Hyuksun Kwon(권혁선)[ADSOLUTION Co.], Changhee Lee(이창희), Gisung Park(박기성)[Green Optics
Co.], Yunjong Kim(김윤중), Jongwan Ko(고종완), Jihun Kim(김지현)[KASI/UST], JaeYeong Jo(조재영),
Taejong Kim(김태종), Minho Seo(서민호), Young-Soo Kim(김영수)[Green Optics Co.],
Seunghyuk Chang(장승혁)[Center for Integrated Smart Sensors], K-DRIFT Team

PKDRIFT-02

Opto-mechanical design and Finite Element analysis results of K-DRIFT Generation 1
Yeonsik Kim(김연식)[KASI/KNU], Il Kweon Moon(문일권)[KRISS], Hyuksun Kwon(권혁선)[ADSOLUTION
Co.], Dohoon Kim(김도훈)[Green Optics Co.], Changhee Lee(이창희)[Green Optics Co.], K-DRIFT Team

포스터 발표

특별세션3-K-DRIFT

PKDRIFT-03

K-DRIFT Preparation: New Observational Method for Obtaining an Accurate Flat Frame

Woowon Byun(변우원)[KASI], Kwang-II Seon(선광일), Jongwan Ko(고종완)[KASI/UST]

PKDRIFT-04

Fine PSF Modeling of an Off-Axis Freeform Three-Mirror System K-DRIFT

Gayoung Lee(이가영)[KASI/UST], Daewook Kim(김대욱)[University of Arizona/Large Binocular Telescope Observatory], Woowon Byun(변우원), Kyohoon Ahn(안교훈)[KASI], Jihun Kim(김지현), Yunjong Kim(김윤중)[KASI/UST], Dohoon Kim(김도훈)[Green Optics Co.], Jongwan Ko(고종완)[KASI/UST]

PKDRIFT-05

Development of Environment Monitoring System for K-DRIFT Observatory

Yongseok LEE(이용석), Jongwan Ko(고종완), Yunjong Kim(김윤중), Woowon Byun(변우원)[KASI]

PKDRIFT-06

Comparison of K-DRIFT LSB galaxies with the NewCluster simulation

Jinsu Rhee(이진수)[KASI], K-DRIFT Team, NewCluster Team

특별세션4-ALMA

PALMA-01

COMs near a Sub-millimeter Variable Protostar, HOPS 358

Hyeong-Sik Yun(윤형식), Jeong-Eun Lee(이정은)[SNU], Patrick D. Sheehan[NRAO], Doug Johnstone[UBC]

특별세션5-HBF(Heliospheres: Basics and Frontiers)

PHBF-01

Coronal magnetic and intensity properties of small-scale loops in the quiet Sun

Maria S. Madjarska[KASI/Max-Planck Institute/BAS], Thomas Wiegmann[Max-Planck Institute], Pascal Démoulin[Observatoire de Paris], Klaus Gasgaard[St Andrews University]

외부은하/은하단(External galaxies/Clusters of galaxies)

PGC-01

The Impact of Bursty Star Formation and Stellar Feedback on Lyman Alpha Emission

Beomchan Koh(고범찬), Taysun Kimm(김태선), Daniel Han(한다니엘)[Yonsei University]

PGC-02

Emission Line Ratios in Clumpy H II Regions: Ionization-Bounded or Density-Bounded Regions and the Dust Scattering Effect.

Hyung-Joe Kwon(권형조), Kwang-II Seon(선광일)[KASI/UST]

PGC-03

Analysis of 0827 +243 (OJ248) using the four bands of KVN(K,Q,W, D)

Nam Hoon Kim(김남훈)[CNU], Sang Sung lee(이상성)[KASI], Chan Woo Song(송찬우), Wee Yeon Jeong(정위연)[UST]

PGC-04

Improving Signal-to-Noise Ratios in Galaxy Spectra Using Denoising Models based on U-Net and transformer architectures.

Suk Kim(김석)[CNU], Joon Hyeop Lee(이준협)[KASI], Youngdae Lee(이영대), Soo-Chang Lee(이수창)[CNU]

포스터 발표

외부은하/은하단(External galaxies/Clusters of galaxies)

PGC-05

The Formation and Evolution of Star-forming Early-type Galaxies in the TNG50 Universe

Jae Hun Kim(김재훈), Myeong-Gu Park(박명구), Yun Hee Lee(이윤희)[KNU], Ho Seong Hwang(황호성), Kang Hyeon Baek(백강현)[SNU], Mira Seo(서미라)[Pukyong National University], Ena Choi(최이나)[University of Seoul]

PGC-06

Study of Lyman Alpha Radiative Transfer in rotating Circumgalactic Medium

Hee-Gyeong Kim(김희경)[KASI/UST], Seok-Jun Chang(장석준), Max Gronke[Max Planck Institute], Kwang-Il Seon(선광일)[KASI/UST]

PGC-07

Kinematic Analysis of Barred Galaxies: Is the Bisymmetric Model Reliable?

Seungwon Baek(백승원)[SNU]

PGC-08

The projection effect on the misalignment between the kinematic position angles in extragalactic studies

Minje Beom(범민제)[KASI]

PGC-09

The Correlation between AGN activity and Star Formation: Spectral Energy Distribution Analysis of Type 1 AGNs at intermediate redshift

Hyun Song(송현), Jong-Hak Woo(우종학), Changseok Kim(김창석)[SNU]

PGC-10

Capability of SPHEREx for Reverberation Mapping of AGN Broad Line Region

Sumin Seung(승수민), Jong-Hak Woo(우종학), Hojin Cho(조호진)[SNU]

PGC-11

Keck/KCWI IFU Spectroscopic Observations for Actively Forming Cluster at $z \sim 0.5$

Lael Shin(신라엘), Jubee Sohn(손주비)[SNU], Ivana Damjanov[Saint Mary's University], Percy Gomez, Sherry Yeh[W.M. Keck Observatory]

PGC-12

HI and CO gas kinematics of AGC 004552 - a Cool Gas Monster

Kibeop Lee(이기법), Aeree Chung(정애리)[Yonsei University]

PGC-13

Exploring Star Formation History of Nearby Galaxies with SPHEREx

Dongseob Lee(이동섭), Hyunjin Shim(심현진)[KNU]

PGC-14

ALMA - ASKAP synergy: A CO survey of HI-detected galaxies in the Hydra cluster

Bumhyun Lee(이범현)[KASI], Jing Wang[Kavli Institute], Aeree Chung(정애리)[Yonsei University], Se-Heon Oh(오세현)[Sejong University], Hyein Yoon(윤혜인)[SNU], Kana Morokuma-Matsui[University of Tokyo], Woorak Choi[Yonsei University], Xuchen Lin, Dong Yang[Peking University]

PGC-15

Analysis of Star Formation Properties of Galaxies in Large-Scale Structures, Including a Supercluster at Redshift $z \sim 0.65$

Seong-Kook Lee(이성국), Myungshin Im(임명신)[SNU] et al.

PGC-16

Improved Triaxial Analysis Methods to Probe ICM Distribution with CLUMP-3D

Aron Lee(이아론), Junhan Kim(김준한)[KAIST], Jack Sayers[Caltech], CHEX-MATE Collaboration

포스터 발표

외부은하/은하단(External galaxies/Clusters of galaxies)

- PGC-17
High Redshift Quasar Candidates in the Southern Sky with KMTNet Synoptic Survey of Southern Sky (KS4)
Jaewon Lee(이재원), Myungshin Im(임명신), Seo-Won Chang(장서원), Mankeun Jeong(정만근)[SNU], KS4 team
- PGC-18
Impact of Dust Correction on the Stellar Populations of Galaxies in the Full Spectrum Fitting
Joon Hyeop Lee(이준협), Hyunjin Jeong(정현진), Jiwon Chung(정지원)[KASI], Mina Pak (박민아)[Macquarie University/ASTRO 3D], Sree Oh(오슬희)[Yonsei University]
- PGC-19
Optical Time-Domain Astronomy and Accretion Disk Size Mapping of AGNs in the Southern Hemisphere
Sungho Jung(정승호), Jong-Hak Woo(우종학), Donghoon Son(손동훈)[SNU]
- PGC-20
De-noising HST Image using GAN: Expanding HUDF observation area
Jiwoon Jung(정지운), Hyun-Jin Jeong(정현진), Yun-Young Choi(최윤영), Yong-Jae Moon(문용재)[KHU], Mingyeong Yang(양민경)[UST]
- PGC-21
Multi-frequency synthesis Gaussian model-fit on the simulated EKVN uv-coverage
Hyeon-Woo Jeong(정현우), Sang-Sung Lee(이상성), Wheeyeon Cheong(정위연), Sanghyun Kim(김상현)[KASI/UST], Jae-Young Kim(김재영)[UNIST/Max Planck Institute]
- PGC-22
Coevolution of Halos and Large-scale Filament Structures
Hannah Jhee(지한나)[University of Seoul], Hyunmi Song(송현미)[CNU], Clotilde Laigle[CNRS]
- PGC-23
AIBRICQS: The Remaining Luminous Quasars in the Northern Hemisphere
Yunyi Choi(최윤이), Myungshin Im(임명신), Seo-Won Chang(장서원), Hyeonho Choi(최현호), Mankeun Jeong(정만근), Ji-Hoon Kim(김지훈)[SNU], Yongjung Kim(김용정)[KASI], Eunhee Ko(고은희)[SNU], Gu Lim(임구)[IFE], Gregory Paek[SNU], Christian Wolf, Christopher A. Onken[Australian National University], Yuming Fu[Leiden University], Xue-Bing Wu[Peking University], AIBRICQS Team
- PGC-24
Measuring the velocity dispersion functions of elliptical galaxies in EAGLE simulations
Jungwon Choi(최정원), Jubee Sohn(손주비)[SNU]
- PGC-25
Complex jet of Blazar OJ287
Wanchaloem Khwammai[SNU], Minchul Kam(감민철)[ASIAA], Seiji Kameno, Hiroshi Nagai, Motoki Kino[NAOJ], Sascha Trippe[SNU].
- PGC-26
Identifying Stellar Objects from Large Survey Catalogs Using Deep Neural Networks (optionally title in Korean in parentheses)
Sungryong Hong(홍성용)[KASI], Eunbin Kim(김은빈)[SI Analytics], Yujin Yang(양유진), Woong Sub Jeong(정웅섭), Jong Wan Ko(고종완)[KASI]

포스터 발표

우주론

- PCD-01
Dynamical Friction Coefficients in Self-Interacting Ultralight Dark Matter
Hyeonmo Koo(구현모)[University of Seoul], Jae-Weon Lee(이재원)[Electrical and Electronic Engineering]
- PCD-02
Galaxy alignments of [OII] emitters from the HSC narrow-band survey
Motonari Tonegawa[Asia Pacific Center for Theoretical Physics]
- PCD-03
Cosmological Information from Clustering Statistics with Mulguisin
Sumi Kim(김수미), Cristiano G. Sabiu, Inkyu Park(박인규), Young Ju(주영)[University of Seoul]

천문우주관측기술(Astrophysical Techniques)

- PAT-01
Multi-frequency simultaneous receiver system design of Millimetron space observatory
Taeho Kang(강태호)[KNU], Jung-Won Lee(이정원)[KASI], Jae-Young Kim(김재영)[UNIST/Max Planck Institute]
- PAT-02
VLBI Imaging Performance of the Extended KVN including the new Pyeongchang Telescope
Junhyun Baek(백준현), Do-Young Byun(변도영)[KASI], KVN team
- PAT-03
Development of the KMTNet AEON interfaces for the LSST follow-up observations
Min-Su Shin(신민수), Jae-Woo Kim(김재우), Chung-Uk Lee(이충욱), Seung-Lee Kim(김승리)[KASI]
- PAT-04
Development and Implementation of Control Software for the KSPEC-GFA and ADC Systems
Mingyeong Yang(양민경)[KASI/UST], Sang-Hyun Chun(천상현), Yongmin Yoon(윤용민),
Minhee Hyun(현민희)[KASI], Sungwook E. Hong(홍성욱)[KASI/UST], Jae-Woo Kim(김재우)[KASI],
Ho Seong Hwang(황호성)[SNU], K-Spec Team
- PAT-05
Retrofit plan of KMTNet for autonomous telescope
Chung-Uk Lee(이충욱), Dong-Joo Lee(이동주), Yujin Yang(양유진)[KASI]
- PAT-06
The Characteristics of Spectroscopic Instruments For A-SPEC : PIXIS1300BX CCD Camera and IsoPlane 320A Spectrograph
Jiwon Jang(장지원)[SNU], Chang Su Choi(최창수)[KASI], Ho Seong Hwang(황호성)[SNU]
- PAT-07
40-m Thai National Radio Telescope (TNRT) HI mapping
Thanawat Nakmorn[KAIST], Nobuyuki Sakai, Koichiro Sugiyama, Bannawit Pimpanuwat[National
Astronomical Research Institute of Thailand], Junhan Kim(김준한)[KAIST].