

2020 KAS Fall Meeting 10.15

09:00~10:00	온라인 학회 준비 및 참석차 온라인 대기					
10:00~10:15	개회 / 축사/ 단체 촬영을 위한 스크린샷					
10:15~10:30	휴식시간					
발표장	제1발표장		제2발표장		제3발표장	
시간표	은하단 Galaxy Clusters [좌장 : Seong-Kook Lee]		우주관측기술 Astronomical Instrumentation [좌장 : Chan Park]		우주론/암흑물질 1 Cosmology/Dark Matter 1 [좌장 : Jinn-Ouk Gong]	
10:30~12:00	GC-01	Kyle Finner	AT-01	Woong-Seob Jeong	CD-01	Kyungjin Ahn
	GC-02	Jinhyub Kim	AT-02	Jaejin Lee	CD-02	Graziao Rossi
	GC-03	Hyeong Han Kim	AT-03	Ho Jin	CD-03	Oh Boon Kiat
	GC-04	JunHyun Baek	AT-04	Dae-Hee Lee	CD-04	Hyunjin Cho
	GC-05	Yongmin Yoon	AT-05	Bongkon Moon	CD-05	Junsup Shim
	GC-06	Seon Woo Kim	AT-06	Hojae Ahn		
12:00~13:30	점심시간 / 분과회의					
	행성계과학분과 총회					
13:30~14:10	제1발표장	Invited talk 1 - Arman Shafieloo			[좌장 : David Parkinson]	
14:10~14:30	휴식시간					
시간표	외부은하 1 Near by Galaxies 1 [좌장 : Yun-Kyeong Sheen]		성간물질/별형성 ISM / Star Formation [좌장 : Woojin Kwon]		우주론/암흑물질 2 Cosmology/Dark Matter 2 [좌장 : Sungwook E. Hong]	
14:30~15:30	GC-07	Chul Chung	IM-01	Hyeongsik Yun	CD-06	L'Huillier Benjamin
	GC-08	Yoojung Kim	IM-02	Shinyoung Kim	CD-07	Hanwool Koo
	GC-09	Jisu Kang	IM-03	Eun Jung Chung	CD-08	Ryan E. Keeley
	GC-10	Jeong Hwan Lee	IM-04	Kyoung Hee Kim	CD-09	Yigon Kim
15:30~15:50	휴식시간					
시간표	외부은하 2 Near by Galaxies / Galaxy Simulations [좌장 : Myoung won Jeon]		초신성/초신성잔해 Supernovae/SN Remnant [좌장 : Jae-Joon Lee]		[특]기계학습 Machine Learning (David Parkinson)	
15:50~16:50	GC-11	Seona Lee	IM-05	Moo-Keon Jung	ML-01	Cristiano Sabiu
	GC-12	Dawoon E. Kim	IM-06	Yongje Jeong	ML-02	Sungwook E. Hong
	GC-13	Chanoul Seo	IM-07	Bon-Chul Koo	ML-03	Feng Shi
	GC-14	Eun-jin Shin	IM-08	Yong-Hyun Lee	ML-04	Yongseok Jo
16:50~17:00	휴식시간					
17:00~18:20	제1발표장	정기총회				

2020 KAS Fall Meeting 10.16

09:00~09:40	제1발표장		Invited talk 2 - Se-Hyung Cho		[좌장 : Woong-Tae Kim]	
09:40~10:00	휴식시간					
발표장	제1발표장		제2발표장		제3발표장	
시간표	외부은하 3 AGN / High-z Galaxies [좌장 : Hyunjin Shim]		태양 Solar Astronomy [좌장 : Rok-Soon Kim]		항성/항성계 Star / Stellar System [좌장 : Soung-Chul Yang]	
10:50~12:05	GC-15	Joonho Kim	SS-01	Heesu Yang	SA-01	Seulgi Kim
	GC-16	Yongjung Kim	SS-02	Yeon-Han Kim	SA-02	Bo-Eun Choi
	GC-17	Yongseok Jo	SS-03	Kyuhyun Cho	SA-03	Beomdu Lim
	GC-18	Dongseob Lee	SS-04	Jongchul Chae	SA-04	Jae-Joon Lee
	GC-19	Minhee Hyun	SS-05	Eun-Kyung Lim	SA-05	Chunglee Kim
12:05~13:30	점심시간					
13:30~14:10	제1발표장		Invited talk 3 - Sungwook E. Hong		[좌장 : Juhan Kim]	
14:10~14:30	휴식시간					
시간표	일시성천체 / 고에너지천문학 Transients / High Energy Astronomy [좌장 : Sang Chul Kim]		태양계 Solar System [좌장 : Jeonghyun Pyo]		고에너지/이론 High Energy / Theory [좌장 : Kyujin Kwak]	
14:30~15:45	GC-20	Gu Lim	SS-06	Sunho Jin	HT-01	Hyesung Kang
	GC-21	Changsu Choi	SS-07	Sangho Choi	HT-02	Sunjung Kim
	GC-22	Sung Hak Paek	SS-08	Hongu Yang	HT-03	Jungyeon Cho
	GC-23	Ji-Hoon Ha	SS-09	Hee-Jae Lee	HT-04	Du-Hwan Han
	GC-24	Jeongbhin Seo	SS-10	Myung-jin Kim	HT-05	Heechan Cha
15:45~16:00	휴식시간					
시간표	은하모의실험 Galaxy Simulations [좌장 : Ji-hoon Kim]				고에너지/이론/고천문학 High Energy / Theory / Historical Astronomy [좌장 : HongjunAn]	
16:00~17:00	GC-25	Sukyoung Yi			HT-06	Minjun Kim
	GC-26	Donghyeon J. Khim			HT-07	Seung-Urn Choe
	GC-27	Jaehyun Lee				
	GC-28	Hyunmi Song				
17:10~17:30	제1발표장		우수포스터상 시상 및 폐회			

Schedule of Poster Session 10. 15~16

poster size : A0

분야	번호	이름	분야	번호	이름
고에너지/ 이론천문학	PHT-01	Jeongbhin Seo	고천문학/ 천문역법	PHA-01	Youngsil Choi
	PHT-02	Ji-Hoon Ha		PHA-02	Yoon Kyung Seo
공간물질/별생성/ 우리는하	PIM-01	Yusuke Aso	교육홍보	PAE-01	Gain Lee
	PIM-02	Gwibong Kang		PAE-02	Jaeil Cho
	PIM-03	Woojin Kwon	외부은하/은하단	PGC-01	Jaehyuk Geum
	PIM-04	Il Joong Kim		PGC-02	Sanghyun Kim
	PIM-05	Changmin Kim		PGC-03	Shinna Kim
	PIM-06	Ayeon Lee		PGC-04	Shin-Jeong Kim
	PIM-07	Hee Weon Yi		PGC-05	Yeon-sik Kim
	PIM-08	Miji Jeong		PGC-06	Changseok Kim
	PIM-09	Ilseung Han		PGC-07	Hye-Jin Park
	PIM-10	Jihye Hwang		PGC-08	Suyeon Son
천문우주 관측기술	PAT-01	Joo Hyeon Kim		PGC-09	Seong-A O
	PAT-02	Yungi Kwon		PGC-10	Dasol Yoo
	PAT-03	Woojin Park	PGC-11	Hyein Yoon	
	PAT-04	Hojae Ahn	PGC-12	Dowoon lee	
	PAT-05	Hyungjoon Ryu	PGC-13	Bumhyun Lee	
	PAT-06	Sunwoo Lee	PGC-14	Youngdae Lee	
	PAT-07	Tae-Geun Ji	PGC-15	Hannah Ji	
	PAT-08	Yeonho Choi	PGC-16	Woorak Choi	
	PAT-09	Jimin Han	PGC-17	Seong-Hyeon Hwang	
항성,항성계/ 외계행성	PSA-01	Mikyung Kim	우주론/암흑물질, 암흑에너지	PGC-18	Ho Seong Hwang
	PSA-02	Seong Hyun Park		PCD-01	Jeongin Moon
	PSA-03	Tae Seog Yoon	PCD-02	Seung-gyu Hwang	
	PSA-04	Han Gyeol Yun	태양/태양계	PSS-01	Su-Chan Bong
	PSA-05	Hunchul Lee		PSS-02	Heesu Yang

제1발표장 첫째날 : 10월 15일 (목)

09:00~10:00

온라인 학회 준비 및 참석자 온라인 대기

10:00~10:15

개 회 사 : 류동수 학회장
축 사 : 이형목 한국천문연구원 원장
[단체촬영을 위한 스크린 샷]

10:15~10:30 휴식시간

은하단
Galaxy Clusters

좌장 : Seong-Kook Lee(이성국)[SNU]

10:30~12:00 구 GC-01

Infrared Weak-lensing Detection of an Emerging Galaxy Cluster SpARCSJ1049+56 at $z=1.71$
Kyle Finner[Yonsei University], Myungkook Jee(지명국)[Yonsei University/UC Davis]

10:30~12:00 구 GC-02

An Improved Weak-Lensing Analysis of the Galaxy Cluster ACT-CL J0102-4915 with New Wide-Field HST Imaging Data
Jinhyub Kim(김진협), Myungkook James Jee(지명국)[Yonsei University]

10:30~12:00 구 GC-03

Discovery of a Radio Relic in the Massive Merging Cluster SPT-CL J2023-5535 from the ASKAP-EMU Pilot Survey
Kim HyeongHan(김형한)[Yonsei University], Myungkook Jee(지명국)[Yonsei University/UC Davis], Lawrence Rudnick[University of Minnesota], David Parkinson[KASI], Kyle Finner[Yonsei University], Mijin Yoon(윤미진)[Yonsei University/Ruhr-University Bochum], Wonki Lee(이원기)[Yonsei University], Giangranco Brunetti[Istituto Nazionale di Astrofisica], Marcus Brüggen[Universität Hamburg], Jordan D. Collier[University of Cape Town/Western Sydney University], Andrew M. Hopkins[Macquarie University], Michał J. Michałowski[Mickiewicz University], Ray P. Norris[Western Sydney University/CSIRO], Chris Riseley[Università degli Studi di Bologna/INAF/CSIRO]

10:30~12:00 구 GC-04

Circumnuclear gas around the central AGN in a cool-core cluster, A1644-South
Junhyun Baek(백준현), Aeree Chung(정애리)[Yonsei University], Jae-Woo Kim(김재우)[KASI], Taehyun Jung(정태현)[KASI/UST]

10:30~12:00 구 GC-05

Bar Formation and Enhancement of Star Formation in Disk Galaxies in Interacting Clusters
Yongmin Yoon(윤용민)[Yonsei University], Myungshin Im(임명신)[SNU]

10:30~12:00 구 GC-06

YZiCS: On the Mass Segregation of Galaxies in Clusters
Seonwoo Kim(김선우)[Yonsei University], Emanuele Contini[Nanjing University], Hoseung Choi(최호승), San Han(한산)[Yonsei University], Jaehyun Lee(이재현)[KIAS], Sree Oh(오슬희)[ARC/Australian National University], Xi Kang[Purple Mountain Observatory], Sukyoung K. Yi(이석영)[Yonsei University]

12:00~13:30

점심시간/분과회의

초청강연

좌장 : David Parkinson[KASI]

13:30~14:10 초 IT-01

Status of the Concordance Model of Cosmology

Arman Shafieloo [KASI]

제1발표장 첫째날 : 10월 15일 (목)

14:10~14:30 휴식시간

외부은하 1
Nearby Galaxies

좌장 : Yun-Kyeong Sheen(신윤경)[KASI]

14:30~15:30 구 GC-07

Surface Brightness Fluctuation of Normal and Helium-enhanced Simple Stellar Populations
Chul Chung(정철), Suk-jin Yoon(윤석진), Hyejeon Cho(조혜전) Sang-Yoon Lee(이상윤),
Young-Wook Lee(이영욱)[Yonsei University]

14:30~15:30 구 GC-08

H0 Determination Using TRGB Distances to the Virgo Infalling Galaxies
Yoo Jung Kim(김유정), Jisu Kang(강지수), Myung Gyoon Lee(이명균)[SNU],
In Sung Jang(장인성)[AIP]

14:30~15:30 구 GC-09

A Survey of Globular Cluster Systems of Massive Compact Elliptical Galaxies in the Local Universe
Jisu Kang(강지수), Myung Gyoon Lee(이명균)[SNU]

14:30~15:30 구 GC-10

A GMOS/IFU Spectroscopic Mapping of Jellyfish Galaxies in Extremely Massive Galaxy Clusters
Jeong Hwan Lee(이정환), Myung Gyoon Lee(이명균), Jisu Kang(강지수),
Brian S. Cho(조브라이언), Jae Yeon Mun(문재연)[SNU]

15:30~15:50 휴식시간

외부은하 2
Nearby Galaxies/Galaxy Simulations

좌장 : Myoungwon Jeon(전명원)[KHU]

15:50~16:50 구 GC-11

Ram pressure stripping conditions : Theory vs. Observation
Seona Lee(이서나)[Yonsei University], Yun-Kyeong Sheen(신윤경)[KASI],
Hyein Yoon(윤혜인)[Yonsei University/University of Sydney/ARC], Yara Jaffé[ARC],
Aeree Chung[Yonsei University]

15:50~16:50 구 GC-12

The Molecular Gas Kinematics of HI Monsters
Dawoon E. Kim(김다운), Aeree Chung(정애리)[Yonsei University],
Min S. Yun(윤민수)[University of Massachusetts], Daisuke Iono[NAO]

15:50~16:50 구 GC-13

Physical Origin of the Planar Alignment of Satellite Galaxies
Chanoul Seo(서찬울), Sanjaya Paudel, Suk-jin Yoon(윤석진)[Yonsei University]

15:50~16:50 구 GC-14

Dark Matter Deficient Galaxies Produced via High-velocity Galaxy Collisions In High-resolution Numerical Simulations
Eun-jin Shin(신은진), Minyong Jung(정민영)[SNU], Goojin Kwon(권구진)[University of Cambridge], Ji-hoon Kim(김지훈), Joohyun Lee(이주현), Yongseok Jo(조용석),
Boon Kiat Oh[SNU]

16:50~17:00 휴식시간

17:00~18:20

정기총회

제2발표장 첫째날 : 10월 15일 (목)

10:15~10:30

온라인 학회 준비 및 참석자 온라인 대기

우주관측기술

Astronomical Instrumentation

좌장 : Chan Park(박찬)[KASI]

10:30~12:00 구 AT-01

Status Report on All-sky Infrared Spectro-Photometric Survey Mission, SPHEREx

Woong-Seob Jeong(정웅섭), Yujin Yang(양유진)[KASI/UST], Sung-Joon Park(박성준),
Jeonghyun Pyo(표정현), Youngsoo Jo(조영수), Il-Joong Kim(김일중),
Seungcheol Bang(방승철)[KASI], SPHEREx Korean Consortium

10:30~12:00 구 AT-02

Gamma-Ray Burst Observation by SNIPE mission

Jae-Jin Lee(이재진)[KASI], Hong Joo Kim(김홍주)[KNU], Uk-Won Nam(남옥원),
Won-Kee Park(박원기), Jongdae Shon(손종대), Soon-Wook Kim(김순욱),
Jeong-Sook Kim(김정숙), Yong-Woo Kang(강용우), Z. Lucas Uhm(엄정휘),
Sinchul Kang(강신철), Sang Hyeok Im(임상혁)[KNU], Sunghwan Kim(김승환)[CJU]

10:30~12:00 구 AT-03

System Requirement Review of Lunar Surface magnetometer on the CLPS program

Ho Jin(진호), Khan-Hyuk Kim(김관혁)[KHU], Seongwhan Lee(이성환)[NARA],
Hyojeong Lee(이효정)[ntorule Inc.], Daerac Seon[Sensorpia], Byungwook Jung(정병욱),
Yunho Jang(장윤호), Hyeonhu Park(박현후)[KHU]

10:30~12:00 구 AT-04

Introduction of the UVOMPIS (UV-Optical Multiband Polarizing Imager System) onboard
the CAS500-3

Daehee Lee(이대희)[KASI], et al.

10:30~12:00 구 AT-05

Space Telescope Plan of KASI for the Next Decades

Bongkon Moon(문봉곤)[KASI/UST], Dae-Hee Lee(이대희), Young-Jun Choi(최영준),
Wonyong Han(한원용), Ukwon Nam(남옥원), Youngsik Park(박영식), Won-Kee Park(박원기),
Jakyoungh Nah(나자경), Woojin Kim(김우진), Jeong-Yeol Han(한정열),
Kyoungho Kim(김경호)[KASI]

10:30~12:00 구 AT-06

Ebert-Fastie spectrograph using the Transformable Reflective Telescope kit

Hojae Ahn(안호재)[KHU], Gyuchan Mo(모규찬), Hyeonwoo Jung(정현우), Junwhan Choi(최준환),
Dou Yoon Kwon(권도윤)[Gyeonggi Science Highschool], Minseon Lee(이민선),
Dohoon Kim(김도훈), Sumin Lee(이수민)[KNU], Woojin Park(박우진)[KHU], Ho Lee(이호),
Kiehyun Park(박기현), Hyunjong Kim(김현정)[Gyeonggi Science Highschool],
Soojong Pak(박수종)[KHU]

12:00~13:30

점심시간/분과회의

초청강연 (제1발표장)

좌장 : David Parkinson[KASI]

13:30~14:10 초 IT-01

Status of the Concordance Model of Cosmology

Arman Shafieloo [KASI]

제2발표장 첫째날 : 10월 15일 (목)

14:10~14:30 휴식시간

성간물질/별형성
ISM / Star Formation

좌장 : Woojin Kwon(권우진)[SNU]

14:30~15:30 구 IM-01

Characteristic Chemical Correlations in Nearby Star-forming Molecular Clouds

Hyeong-Sik Yun(윤형식), Jeong-Eun Lee(이정은)[KHU], Neal J. Evans II[KASI/University of Texas], Stella Offner[University of Texas], Mark H. Heyer[University of Massachusetts], Yunhee Choi(최윤희)[KASI], Yong-Hee Lee(이용희), Giseon Baek(백기선)[KHU], Minho Choi(최민호), Hyunwoo Kang(강현우)[KASI], Ken ichi Tatematsu, Seokho Lee(이석호)[NAOJ], Yao-Lun Yang[RIKEN], Brandt Gaches[University of Massachusetts], How-Huan Chen[University of Texas]

14:30~15:30 구 IM-02

How do dense cores embedded in a pc scale filamentary clouds form, by gas flow motions along filamentary clouds and/or contracting motions by themselves?

Shinyoung Kim(김신영), Chang Won Lee(이창원)[KASI/UST], Philip C. Myers[Harvard-Smithsonian], Paola Caselli[Max-Planck-Institut], Mi-Ryang Kim(김미량)[KASI]

14:30~15:30 구 IM-03

Filaments and Dense Cores in IC5146: Roles of Gravity, Turbulence, and Magnetic Field

Eun Jung Chung(정은정)[CNU]

14:30~15:30 구 IM-04

Diagnosis of the Transitional Disk Structure of AA Ori by Modeling of Multi-Wavelength Observations

Kyoung Hee Kim(김경희), Hyosun Kim(김효선), Chang Won Lee(이창원), Aran Lyo(여아란)[KASI]

15:30~15:50 휴식시간

초신성/초신성잔해
Supernovae/SN Remnant

좌장 : Jae-Joon Lee(이재준)[KASI]

15:50~16:50 구 IM-05

Observational Properties of Wolf-Rayet stars and Type Ib/Ic supernova progenitors

Moo-Keon Jung (정무건), Sung-Chul Yoon (윤성철)[SNU]

15:50~16:50 구 IM-06

Type Prediction of Stripped-envelope Supernovae by Wind-driven Mass Loss Progenitor Model

Yongje Jeong(정용제), Sung-Chul Yoon(윤성철)[SNU]

15:50~16:50 구 IM-07

Circumstellar Clumps in the Cassiopeia A Supernova Remnant: Prepared to be Shocked

Bon-Chul Koo(구본철)[SNU], Hyun-Jeong Kim(김현정)[SNU/KHU], Heeyoung Oh(오희영)[KASI/University of Texas], John, C. Raymond[Harvard-Smithsonian Center], Sung-Chul Yoon(윤성철)[SNU], Yong-Hyun Lee(이용현)[SNU/KASI], Daniel T. Jaffe[University of Texas]

15:50~16:50 구 IM-08

Kinematic Distances of the Galactic Supernova Remnants in the First Quadrant

Yong-Hyun Lee (이용현)[KASI/SNU], Bon-Chul Koo (구본철)[SNU], Jae-Joon Lee (이재준)[KASI]

16:50~17:00 휴식시간

17:00~18:20

정기총회 (제1발표장)

제3발표장 첫째날 : 10월 15일 (목)

10:15~10:30

온라인 학회 준비 및 참석자 온라인 대기

우주론/암흑물질 1
Cosmology/Dark Matter 1

좌장 : Jinn-Ouk Gong(공진옥)[KASI]

10:30~12:00 구 CD-01

Interpretation of the EDGES observation in light of Planck 2018 Legacy Data

Kyungjin Ahn(안경진)[Chosun University], Paul R. Shapiro[University of Texas at Austin]

10:30~12:00 구 CD-02

“There’s no Place like Home: The Sejong Suite”

Graziano Rossi[Sejong University]

10:30~12:00 구 CD-03

Star formation beyond $z=0$ and its role in the multiverse

Boon Kiat Oh[SNU]

10:30~12:00 구 CD-04

Investigation of Cosmic Magnetic Field using Faraday Rotation Measure

Hyunjin Cho(조현진), Dongsu Ryu(류동수), Ji-Hoon Ha(하지훈)[UNIST],

Hyesung Kang(강혜성)[PNU], Ariel Amaral[University of Toronto],

Shane P. O’Sullivan[Dublin City University]

10:30~12:00 구 CD-05

Identification of Cosmic Voids as Massive Cluster Counterparts

Junsup Shim(심준섭), Changbom Park(박창범), Juhan Kim(김주한)[KIAS],

Ho Seong Hwang(황호성)[KIAS/KASI]

12:00~13:30

점심시간/분과회의

초청강연 (제1발표장)

좌장 : David Parkinson[KASI]

13:30~14:10 초 IT-01

Status of the Concordance Model of Cosmology

Arman Shafieloo [KASI]

14:10~14:30 휴식시간

우주론/암흑물질 2
Cosmology/Dark Matter 2

좌장 : Sungwook E. Hong(홍성욱)[KASI]

14:30~15:30 구 CD-06

Model-independent test of gravity

Benjamin L’Huillier[Yonsei University]

14:30~15:30 구 CD-07

Model-independent Constraints on Type Ia Supernova Light-curve Hyperparameters and Reconstructions of the Expansion History of the Universe

Hanwool Koo(구한울), Arman Shafieloo[KASI/UST], Ryan E. Keeley[KASI], Benjamin

L’Huillier[onsei University]

14:30~15:30 구 CD-08

Model Independent Statistics in Cosmology

Ryan E. Keeley[KASI], Arman Shafieloo[KASI/UST]

제3발표장 첫째날 : 10월 15일 (목)

우주론/암흑물질 2

Cosmology/Dark Matter 2

좌장 : Sungwook E. Hong(홍성욱)[KASI]

14:30~15:30 석 CD-09

CMASS galaxy sample and the ontological status of cosmological principle

Yigon Kim(김이곤)[KNU], Chan-Gyung Park(박찬경)[JNU], Hyerim Noh(노혜림)[KASI/Kavli Institute], Jai-chan Hwang(황재찬)[KNU/Kavli Institute]

15:30~15:50 휴식시간

[특]기계학습

Machine Learning

좌장 : David Parkinson[KASI]

15:50~16:50 구 ML-05

Deep Learning the Large Scale Galaxy Distribution

Cristiano G. Sabiu[Yonsei University,]

15:50~16:50 구 ML-06

Weak-lensing Mass Reconstruction of Galaxy Clusters with Convolutional Neural Network

Sungwook E. Hong(홍성욱)[University of Seoul/KASI], Sangnam Park(박상남)[University of Seoul], M. James Jee(지명국)[Yonsei University], Dongsu Bak(박동수)[University of Seoul], Sangjun Cha(차상준)[Yonsei University]

15:50~16:50 구 ML-07

Reconstructing the cosmic density field based on the generative adversarial network

Feng Shi[KASI]

15:50~16:50 구 ML-08

From dark matter to baryons in a simulated universe via machine learning

Yongseok Jo(조용석)[SNU]

16:50~17:00 휴식시간

17:00~18:20

정기총회 (제1발표장)

제1발표장 둘째날 : 10월 16일 (금)

초청강연

좌장 : Woong-Tae Kim(김웅태)[SNU]

10:00~10:40 초 IT-02

40 Years of Radio Astronomy Research

Se-Hyung Cho(조세형)[KASI]

10:40~10:50

휴식시간

외부은하 3

AGN / High-z Galaxies

좌장 : Hyunjin Shim(심현진)[KNU]

10:50~12:05 구 GC-15

Reverberation Mapping of Nearby AGN with Medium-band and LSGT

Joonho Kim(김준호), Myungshin Im(임명신), Changsu Choi(최창수),
Sungyong Hwang(황성용)[SNU]

10:50~12:05 구 GC-16

The Infrared Medium-deep Survey. VIII. Quasar Luminosity Function at $z \sim 5$

Yongjung Kim(김용정)[Peking University/SNU], Myungshin Im(임명신)[SNU],
Yiseul Jeon(전이슬)[FEROKA Inc.], Minjin Kim(김민진)[KNU], Soojong Pak(박수종)[SNU/KHU],
Minhee Hyun(현민희)[SNU], Yoon Chan Taak(탁윤찬), Suhyun Shin(신수현), Gu Lim(임구),
Gregory S. H. Paek(백승학), Insu Paek(백인수)[SNU], Linhua Jiang[Peking University],
Changsu Choi(최창수), Jueun Hong(홍주은)[SNU], Tae-Geun Ji(지태근)[SNU/KHU],
Hyunsung D. Jun(전현성)[KIAS], Marios Karouzos[Nature Astronomy],
Dohyeong Kim(김도형)[Peking University/SNU], Duho Kim(김두호), Jae-Woo Kim(김재우)[KASI],
Ji Hoon Kim(김지훈)[Metaspace], Hye-In Lee(이혜인)[SNU/KHU], Seong-Kook Lee(이성국)[SNU],
Won-Kee Park(박원기)[KASI], Yongmin Yoon(윤용민)[KIAS], Seoyeon Byeon(변서연)[SNU/KHU],
Sungyong Hwang(황성용), Joonho Kim(김준호), Sophia Kim(김소피아)[SNU],
Woojin Park(박우진)[SNU/KHU]

10:50~12:05 구 GC-17

The Nature of Submillimeter Galaxies in the North Ecliptic Pole SCUBA-2 Survey

Yongseok Jo(조용석), Ji-hoon Kim(김지훈)[SNU]

10:50~12:05 구 GC-18

Cosmological Parameter Estimation from the Topology of Large Scale Structure

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

10:50~12:05 구 GC-19

SCUBA-2 Observation of the JWST/GTO Time Domain Survey Field

Minhee Hyun(현민희)[SNU], Ian Smail[Durham University], Myungshin Im(임명신)[SNU],
Roger A. Windhorst, Rolf A. Jansen[Arizona State University], Christopher N. A.
Wilmer[University of Arizona,], William D. Cotton[NRAO], Giovanni Fazio[Harvard &
Smithsonian], Richard Perley[NRAO], James J. Condon[NRAO], Mark Swinbank[Durham
University], Seth Cohen[Arizona State University], Li-Hwai Lin[ASIAA], Fangxia
An[University of the Western Cape], Hyunjin Shim(심현진)[KNU], JWST/GTO TDS team

12:05~13:30

점심시간

초청강연

좌장 : Juhan Kim(김주한)[KIAS]

13:30~14:10 초 IT-03

Large-scale Structure Studies with Mock Galaxy Sample from the Horizon Run 4 &
Multiverse Simulations

Sungwook E. Hong(홍성욱)[KASI]

14:10~14:30

휴식시간

제1발표장 둘째날 : 10월 17일 (목)

일시성천체/고에너지천문학

Transients / High Energy Astronomy

좌장 : Sang Chul Kim(김상철)[KASI]

14:30~15:45 구 GC-20

Intensive Monitoring Survey of Nearby Galaxies (IMSNG) : Constraints on the Progenitor System of a Type Ia Supernova SN 2019ein from Its Early Light Curve

Gu Lim(임구), Myungshin Im(임명신)[SNU], Dohyeong Kim(김도형)[SNU/Peking University], Gregory S. H Paek(백승학), Changsu Choi(최창수), Sophia Kim(김소피아), Sungyong Hwang(황성용)[SNU], and IMSNG team

14:30~15:45 구 GC-21

Intensive Monitoring Survey of Nearby Galaxies (IMSNG) : On the progenitor system of Type Ia SN 2018kp

Changsu Choi(최창수), Myungshin Im(임명신)[SNU], Dohyeong Kim(김도형)[SNU/Peking University], Gu Lim(임구), Gregory S. H Paek(백승학), Sophia Kim(김소피아), Sungyong Hwang (황성용)[SNU], IMSNG team

14:30~15:45 구 GC-22

Gravitational-wave Electromagnetic Counterpart Korean Observatory (GECKO): Network of Telescopes and Follow-up Observation of GW190425

Gregory S.H. Paek(백승학), Myungshin Im(임명신)[SNU], SNU GECKO team

14:30~15:45 구 GC-23

Gamma-Ray and Neutrino Emissions from Starburst Galaxies

Ji-Hoon Ha(하지훈), Dongsu Ryu(류동수)[UNIST], Hyesung Kang(강혜성)[PNU]

14:30~15:45 구 GC-24

Morphology and Dynamical Properties of Ultra-Relativistic Jets

Jeongbhin Seo(서정빈), Hyesung Kang(강혜성)[PNU], Dongsu Ryu(류동수)[UNIST]

15:45~16:00 휴식시간

은하모의실험

Galaxy Simulations

좌장 : Ji-hoon Kim(김지훈)[SNU]

16:00~17:00 구 GC-25

On the origin of the thick discs of spiral galaxies from high-resolution cosmological simulations

Sukyoung K. Yi(이석영), Min-Jung Park(박민중)[Yonsei University], Sebastien Peirani[Observatoire de la Côte d'Azur], Christophe Pichon, Yohan Dubois[nstitut d'Astrophysique de Paris], Hoseung Choi(최호성)[Yonsei University], Julien Devriendt[University of Oxford], Taysun Kimm(rlax선)[Yonsei University], Sugata Kaviraj[University of Hertfordshire], Katarina Kraljic[University of Edinburgh], Marta Volonteri[nstitut d'Astrophysique de Paris]

16:00~17:00 구 GC-26

Star-gas misalignment in galaxies: I. the properties of galaxies from the Horizon-AGN simulation and comparisons to SAMI

Donghyeon J. Khim(김동현), Sukyoung K. Yi(이석영)[Yonsei University], the Horizon-AGN team, and the SAMI team

제1발표장 둘째날 : 10월 17일 (목)

은하모의실험
Galaxy Simulations

좌장 : Ji-hoon Kim(김지훈)[SNU]

16:00~17:00 구 GC-27

The Horizon Run 5 Cosmological Hydrodynamical Simulation: Probing Galaxy Formation from Kilo- to Giga-parsec Scales

Jaehyun Lee(이재현)[KIAS], Jihey Shin(신지혜)[KASI], Owain N. Snaith(Observatoire de Paris), Yonghwi Kim(김용휘)[KIAS], C. Gareth Few[University of Hull/Durham University], Julien Devriendt[University of Oxford], Yohan Dubois[CNRS and Sorbonne Universite], Leah M. Cox[University of Hull], Sungwook E. Hong(홍성욱)[University of Seoul], Oh-Kyoung Kwon(권오경)[KISTI], Chan Park(박찬)[NIMS], Christophe Pichon[KIAS/CNRS], Juhan Kim(김주한)[KIAS], Brad K. Gibson[University of Hull], Changbom Park(박창범)[KIAS]

16:00~17:00 구 GC-28

Beyond halo mass: the role of vorticity-rich filaments in quenching galaxy mass assembly

Hyunmi Song(송현미)[Yonsei University], Clotilde Laigle[Institut d'Astrophysique de Paris], Ho Seong Hwang(황호성)[KASI], Julien Devriendt[University of Oxford], Yohan Dubois[Institut d'Astrophysique de Paris], Katarina Kraljic[University of Edinburgh], Christophe Pichon[Institut d'Astrophysique de Paris/KIAS], Adrienne Slyz[University of Oxford], Rory Smith[KASI]

16:50~17:00 휴식시간

17:10~17:30

우수포스터상 시상 및 폐회

제2발표장 둘째날 : 10월 16일 (금)

초청강연

좌장 : Woong-Tae Kim(김웅태)[SNU]

10:00~10:40 초 IT-02

40 Years of Radio Astronomy Research

Se-Hyung Cho(조세형)[KASI]

10:40~10:50

휴식시간

태양

Solar Astronomy

좌장 : Rok-Soon Kim(김록순)[KASI]

10:50~12:05 구 SS-01

Observation of the Rebound Shock Waves and the EUV Brightening of a Light Bridge Jet

Heesu Yang(양희수)[KASI]

10:50~12:05 구 SS-02

Development of a diagnostic coronagraph on the ISS: progress report

Yeon-Han Kim(김연한), Seonghwan Choi(최성환), Su-Chan Bong(봉수찬)[KASI],
Kyungsuk Cho(조경석)[KASI/UST], Young-Deuk Park(박영득)[KASI], Jeffrey Newmark,
Nat. Gopalswamy, Seiji Yashiro, Nelson Reginald[NASA]

10:50~12:05 구 SS-03

Investigation of sunspot substructure using chromospheric bright patches in a merging sunspot

Kyuhyoun Cho(조규현)[SNU]

10:50~12:05 구 SS-04

Inference of Chromospheric Plasma Parameters on the Sun from Strong Absorption Lines

Jongchul Chae(채종철), Maria S. Madjarska, Hannah Kwak(곽한나),
Kyuhyoun Cho(조규현)[SNU]

10:50~12:05 구 SS-05

Detection of Opposite Magnetic Polarity in a Light Bridge : Its Emergence and Cancellation in association with LB Fan-shaped Jets

Eun-Kyung Lim(임은경), Heesu Yang(양희수)[KASI], Vasyl Yurchyshyn[BBSO],
Jongchul Chae(채종철)[SNU], Donguk Song(송동욱)[NAOJ], Maria S. Madjarska[MPIS]

12:05~13:30

점심시간

초청강연

좌장 : Juhan Kim(김주한)[KIAS]

13:30~14:10 초 IT-03

Large-scale Structure Studies with Mock Galaxy Sample from the Horizon Run 4 & Multiverse Simulations

Sungwook E. Hong(홍성욱)[KASI]

14:10~14:30

휴식시간

제2발표장 둘째날 : 10월 17일 (목)

태양계
Solar Astronomy

좌장 : Jeonghyun Pyo(표정현)[KASI]

14:30~15:45 구 SS-06

Surface exposure age of (25143) Itokawa estimated from the number of mottles on the boulder

Sunho Jin(진선호), Masateru Ishiguro[SNU]

14:30~15:45 구 SS-07

Asteroid Taxonomic Classification in Photometry

Sangho Choi(최상호)[Yonsei University/KASI], Dong-Goo Roh(노동구),
Hong-Kyu Moon(문홍규), Myung-Jin Kim(김명진)[KASI],
Young-Jong Sohn(손종대)[Yonsei University]

14:30~15:45 구 SS-08

Sudden brightness enhancements on main-belt objects

Hongu Yang(양홍규), Hee-Jae Lee(이희재)[KASI], Mingyeong Lee(이민경)[KASI/UST],
Dong-Heun Kim(김동훈)[KASI/CBNU], Masateru Ishiguro[SNU], Hong-Kyu Moon(문홍규),
Youngmin JeongAhn(정안영민)[KASI], Young-Jun Choi(최영준)[KASI/UST]

14:30~15:45 구 SS-09

DEEP-South: Asteroid Light-Curve Survey Using KMTNet

Hee-Jae Lee(이희재)[KASI/CBNU], Hongu Yang(양홍규)[KASI],
Dong-Heun Kim(김동훈)[KASI/CBNU], Myung-Jin Kim(김명진), Hong-Kyu Moon(문홍규)[KASI],
Chun-Hwey Kim(김천희)[CBNU], Young-Jun Choi(최영준)[KASI/UST]

14:30~15:45 구 SS-10

DEEP-South: 2nd phase of observations for small Solar System bodies

Myung-Jin Kim(김명진)[KASI], Young-Jun Choi(최영준)[KASI/UST], Hongu Yang(양홍규)[KASI],
Hee-Jae Lee(이희재), Dong-Heun Kim(김동훈)[KASI/CBNU], Youngmin JeongAhn(정안영민),
Dong-Goo Roh(노동구), Hong-Kyu Moon(문홍규)[KASI], Chan-Kao Chang[National Central
Univ.], Josef Durech, Miroslav Broz, Josef Hanus[Charles Univ.], Joseph Masiero[NASA],
Amy Mainzer[Univ of Arizona.], James Bauer[Univ of Maryland]

15:45~16:00 휴식시간

17:10~17:30

우수포스터상 시상 및 폐회

제3발표장 둘째날 : 10월 16일 (금)

초청강연

좌장 : Woong-Tae Kim(김웅태)[SNU]

10:00~10:40 초 IT-02

40 Years of Radio Astronomy Research

Se-Hyung Cho(조세형)[KASI]

10:40~10:50

휴식시간

항성/항성계

Star / Stellar System

좌장 : Soung-Chul Yang(양성철)[KASI]

10:50~12:05 구 SA-01

Sejong Open cluster Survey (SOS). VII. A Photometric Study of the Young Open Cluster IC 1590

Seulgi Kim (김슬기), Hwangyung Sung (성환경)[Sejong University],
Michael S. Bessell[Australian National University], Beomdu Lim (임범두)[KHU]

10:50~12:05 구 SA-02

Discovery of Raman-scattered He II Features at 6545 Å in Planetary Nebulae NGC 6886 & NGC 6881 from BOES Spectroscopy

Bo-Eun Choi(최보은), Hee-Won Lee(이희원)[Sejong University]

10:50~12:05 구 SA-03

The kinematic properties of stellar groups in the Rosette Nebula: its implication on their formation process

Beomdu Lim(임범두)[KHU], Jongsuk Hong(홍종석)[Yonsei University], Yaël Nazé[University of Liège], Byeong-Gon Park(박병곤), Narae Hwang(황나래)[KASI], Jeong-Eun Lee(이정은), Hyeong-Sik Yun(윤형식), Sunkyung Park(박선경), Hee-Weon Yi(이희원)[KHU]

10:50~12:05 구 SA-04

Nature of Fe II fluorescent lines in Luminous Blue Variables

Jae-Joon Lee(이재준)[KASI], Seok-Jun Chang(장석준)[KASI/UST], Kwang-il Seon(선광일)[KASI], Hyun-Jeong Kim(김현정)[KHU]

10:50~12:05 구 SA-05

Development of a Markov Chain Monte Carlo parameter estimation pipeline for compact binary coalescences with KAGRA GW detector

Chunglee Kim(김정리), Chaeyeon Jeon(전채연)[Ewha Womans University],
Hyung Won Lee(이형원), Jeongcho Kim(김정초)[Inje University],
Hideyuki Tagoshi[University of Tokyo]

12:05~13:30

점심시간

초청강연

좌장 : Juhan Kim(김주한)[KIAS]

13:30~14:10 초 IT-03

Large-scale Structure Studies with Mock Galaxy Sample from the Horizon Run 4 & Multiverse Simulations

Sungwook E. Hong(홍성욱)[KASI]

14:10~14:30

휴식시간

제3발표장 둘째날 : 10월 17일 (목)

고에너지/이론
High Energy / Theory

좌장 : Kyujin Kwak(곽규진)[UNIST]

14:30~15:45 구 HT-01

Test-particle Solutions for Electron Acceleration in Low Mach Number Shocks

Hyesung Kang(강혜성)[PNU]

14:30~15:45 구 HT-02

Gravitational-wave Electromagnetic Counterpart Korean Observatory (GECKO): Network of Telescopes and Follow-up Observation of GW190425

Sunjung Kim(김선정), Ji-Hoon Ha(하지훈), Dongsu Ryu(류동수)[UNIST],
Hyesung Kang(강혜성)[PNU]

14:30~15:45 구 HT-03

Turbulence Dynamo in Compressively Driven Fluids

Jungyeon Cho(조정연), Hyeeseong Ahn(안혜성), Jeonghoon Lim(임정훈)[CNU]

14:30~15:45 구 HT-04

Rotating Bondi Accretion Flow with and without outflow

Du-Hwan Han(한두환), Myeong-Gu Park(박명구)[KNU]

14:30~15:45 구 HT-05

Herschel/PACS spectroscopy of the supernova remnant G21.5-0.9

Heechan Cha(차희찬), Hongjun An(안홍준)[CBNU]

15:45~16:00 휴식시간

고에너지/이론/고천문학
High Energy/Theory/Historical Astronomy

좌장 : HongjunAn(안홍준)[CBNU]

16:00~17:00 구 HT-06

X-RAY PROPERTIES OF THE PULSAR PSR J0205+6449 IN 3C 58

Minjun Kim(김민준), Hongjun An(안홍준)[CBNU]

16:00~17:00 구 HT-07

Solar motion described in the Richan lizhi(日躔曆指) and the Richan biao(日躔表) of the Chongzhen reign treatises on Calendrical Astronomy(Chongzhen lishu 崇禎曆書)

Choe Seung-Urn(최승언)[SNU] Kang Min-Jeong(강민정)[Translation of Korean Classics],
Kim Sukjoo(김석주)[Anyang University], Suh Wonmo(서원모)[Presbyterian University],
Lee Myon U.[CNUE]

17:10~17:30

우수포스터상 시상 및 폐회

포스터 발표

고에너지천문학/이론 천문학(High Energy Astronomy/Theoretical Astronomy)

PHT-01

A New Code for Relativistic Hydrodynamics

Jeongbhin Seo(서정빈), Hyesung Kang(강혜성)[PNU], Dongsu Ryu(류동수)[UNIST]

PHT-02

electron Preacceleration at Weak Quasi- Perpendicular ICM Shocks: Effects of Shock Surface Rippling

Ji-Hoon Ha(하지훈), Sunjung Kim(김선정), Dongsu Ryu(류동수)[UNIST], Hyesung Kang(강혜성)[PNU]

고천문학/천문역법(Historical astronomy/Ephemerides)

PHA-01

Planning for Discovery and Outreach Services of Memory of the World in the Korean Astronomy

Young Sil Choi(최영실)[KASI], Gyoo-hyoung Kahng(강규형)[Myongji University], Yoon Kyung Seo(서윤경)[KASI]

PHA-02

A Case Study on the Planning and Operation of the Experience-based Exhibition of Contemporary Astronomy

Insun Ahn(안인선)[GNSM]

교육홍보(Education & Outreach)

PAE-01

Activity of Young Astronomers Meeting in 2020 Season

Gain Lee(이가인), Insu Paek(백인수), Jisu Kang(강지수)[SNU], Yigon Kim(김이곤)[KNU], Yong-Hee Lee(이용희)[KHU], Hyobin Im(dlagyqls)[UST/KASI], Miji Jeong(정미지)[CNU], Bo-Eun Choi(최보은)[Sejong University], Woorak Choi(최우락)[Yonsei University]

PAE-02

Projecting and Researching GNSM's Online Programs of Astronomical Contents

Jaeil Cho(조재일), Daeyoung Park(박대영), Insun Ahn(안인선)[GNSM], Hyung-Kyu Jang(장형규)[NCSC]

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

PIM-01

Two distinct types of dust polarization in the disk and its vicinity around the protostar TMC-1A

Yusuke Aso[KASI], Woojin Kwon(권우진)[SNU], Tao-Chung Ching[NAOC], Shih-Ping Lai[4National Tsing Hua University], Zhi-Yun Li[University of Virginia], Naomi Hirano[ASIAA], Ramprasad Rao[Harvard-Smithsonian]

PIM-02

Disentangling the Assembly History of the Galactic Halo

Gwibong Kang(강귀봉), Young Sun Lee(이영선), Young Kwang Kim(김영광)[CNU]

PIM-03

BISTROs and Varying Magnetic Fields with Density in Serpens Main

Woojin Kwon (권우진)[SNU] on behalf of the BISTRO team

PIM-04

MIRIS Pa α Galactic Plane Survey: The results in $l = 276^\circ - 296^\circ$

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

포스터 발표

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

- PIM-05
Determination of Nitrogen Abundance Ratio from Low-Resolution Stellar Spectra
Changmin Kim(김창민), Young Sun Lee(이영선)[CNU]
- PIM-06
Spatial Variations of Chemical Abundances in The Galactic Disk
Ayeon Lee(이아연), Young Sun Lee(이영선), Young Kwang Kim(김영광)[CNU]
- PIM-07
On the properties of six cores in the λ Orionis cloud: triggered or non-triggered star formation?
Hee-Weon Yi(이희원), Jeong-Eun Lee(이정은)[KHU], Tie Liu[Shanghai Astronomical Observatory/KASI], Kee-Tae Kim(김기태)[KASI]
- PIM-08
The Early Assembly History of the Milky Way with Extremely Metal-Poor ($[Fe/H] < -3.0$) Stars
Miji Jeong(정미지), Young Sun Lee(이영선), Young Kwang Kim(김영광)[CNU]
- PIM-09
Grain Growth Revealed by Multi-wavelength Analysis of Non-axisymmetric Substructures in the Protostellar Disk WL 17
Ilseung Han(한일승)[UST/KASI], Woojin Kwon[SNU/UST], Yusuke Aso[KASI]
- PIM-10
Spiral Magnetic Field Lines in a Hub-Filament Structure, Monoceros R2
Jihye Hwang(황지혜), Jongsoo Kim(김종수)[KASI/UST], BISTRO team

외부은하/은하단(Galaxy Evolution/Cosmology)

- PGC-01
Studies of AGN Variability from SNU AGN Monitoring Project (SAMP)
Jaehyuk Geum(금재혁), Minjin Kim(김민진)[KNU], Donghoon Son(손동훈), Jong-Hak Woo(우종학)[SNU], SAMP Team
- PGC-02
Stellar photometric Properties in the outskirts of NGC 5236
Sanghyun Kim(김상현), Minjin Kim(김민진)[KNU], Woowon Byun(변우원)[KASI/UST], Yun-Kyeong Sheen(신윤경)[KASI], Luis C Ho[Peking University], Joon Hyeop Lee(이준협), Sang Chul Kim(김상철)[KASI/UST], Hyunjin Jeong(정현진)[KASI], Byeong-Gon Park(박병곤), Kwang-Il Seon(선광일)[KASI/UST]
- PGC-03
Mass models of the Large Magellanic Cloud: HI gas kinematics
Shinna Kim(김신나), Se-Heon Oh(오세현)[Sejong University], Bi-Qing For[ICRAR], Yun-Kyeong Sheen(신윤경)[KASI]
- PGC-04
HI gas kinematics of galaxy pairs in the Hydra cluster from ASKAP pilot observations
Shin-Jeong Kim(김신정), Se-Heon Oh(오세현)[Sejong University], ASKAP WALLABY Science Working Group 2 (SWG2)
- PGC-05
Galaxy overdensity around sub-mm sources from SPT-SZ survey
Yeonsik Kim(김연식), Hyujin Shim(심현진)[KNU]
- PGC-06
GAS KINEMATICS AND PHOTOIONIZATION IN TYPE 1 AGNs WITH STRONG OUTFLOWS
Changseok Kim(김창석), Jong-Hak Woo(우종학)[SNU], Rongxin Luo[SAO]

포스터 발표

외부은하/은하단(Galaxy Evolution/Cosmology)

PGC-07

Gas kinematics and star formation in NGC 6822

Hye-Jin Park(박혜진), Se-Heon Oh(오세헌)[Sejong University], Jing Wang, Yun Zheng[Peking University], Hong-Xin Zhang[University of Science and Technology of China], W.J.G. de Blok[ASTRON/University of Cape Town/university of Groningen]

PGC-08

Relation between Black Hole Mass and Bulge in Hard X-ray selected Type 1 AGNs

Suyeon Son(손수연), Minjin Kim(김민진)[KNU], Aaron J. Barth[University of California], Luis C. Ho[Kavli Institute/Peking University]

PGC-09

A Wide Field Survey of Intracluster Globular Clusters in Coma and Perseus Galaxy Clusters

Seong-A O(오성아), Myung Gyoon Lee(이명균)[SNU]

PGC-10

Effect of Recent Star Formation of Galaxies on their Chemical Abundance Estimation

Dasol Yoo(유다솔), Suk-Jin Yoon(윤석진)[Yonsei University]

PGC-11

FLASH: The First Large Absorption Survey in HI with the Australian Square Kilometre Array Pathfinder

Hyein Yoon(윤혜인)[University of Sydney/ASTRO], Elaine Sadler[University of Sydney/ASTRO/CSIRO], James Allison[University of Oxford], Vanessa Moss[University of Oxford/CSIRO], Elizabeth Mahony, Matthew Whiting[CSIRO], Renzhi Su[[CSIRO/SAO] (ASKAP-FLASH team)

PGC-12

Lyman alpha profiles from an isolated dwarf galaxy

Do Woon Lee(이도운), Taysun Kimm(김태선), Hyunmi Song(송현미), Taehwa Yoo(유태화)[Yonsei University], Jeremy Blaizot, Leo Michel Dansac[Univ Lyon]

PGC-13

ALMA/ACA CO (1-0) observations of group galaxies

Bumhyun Lee(이범현), Jing Wang[Peking University], Aeree Chung(정애리)[Yonsei University], Luis C. Ho, Ran Wang[Peking University], Li Shao[NAO], Tomonari Michiyama, Shun Wang, Eric W. Peng[Peking University], Virginia Kilborn[University of Technology/ARC]

PGC-14

Properties of Galaxies in Cosmic Filaments around the Virgo Cluster

Youngdae Lee(이영대), Suk Kim(김석), Soo-Chang Rey(이수창)[CNU], Jiwon Chung(정지원)[KASI]

PGC-15

Phase-space Analysis of Halos around Large-scale Filamentary Structures

Hannah Jhee(지한나)[University of Seoul], Hyunmi Song(송현미)[Yonsei University], Rory Smith, Jihye Shin(신지혜)[KASI], Inkyu Park(박인규)[University of Seoul]

PGC-16

Deep polarization observations of a ram pressure stripped galaxy, NGC 4522

Woorak Choi(최우락), Aeree Chung(정애리)[Yonsei University], Chang-goo Kim(김창수)[Princeton University], Bumhyun Lee(이범현)[Peking University]

PGC-17

Physical Connection between Ionized Outflows and Radio jets in Young Radio Quasars.

Seong Hyeon Hwang(황성현), Minjin Kim(김민진)[KNU]

포스터 발표

외부은하/은하단(Galaxy Evolution/Cosmology)

PGC-18

Evolution of Star Formation Rate - Density Relation over Cosmic Time in a Simulated Universe: the Observed Reversal Reproduced
Ho Seong Hwang(황호성), Jihye Shin(신지혜)[KASI], Hyunmi Song(송현미)[KASI/Yonsei University]

우주론(Cosmology)

PCD-01

'Mind the Mocking and don't Keep on Walking': Galaxy Mock Challenges for the Completed SDSS-IV Extended Baryon Oscillation Spectroscopic Survey
Jeongin Moon(문정인), Peter D. Choi, Graziano Rossi[Sejong University], eBOSS Team

PCD-02

Model-independent reconstruction of the equation of state of dark energy
Seung-gyu Hwang(황성규), Benjamin L'Huillier[Yonsei University]

천문우주관측기술(Astrophysical Techniques)

PAT-01

Development of public release system of science mission data from KPL0 and future space explorations
Joo Hyeon Kim(김주현)[KASI]

PAT-02

Deep Learning Study of the 21cm Differential Brightness Temperature During the Epoch of Reionization
Yungi Kwon(권윤기), Sungwook E. Hong(홍성욱)[University of Seoul]

PAT-03

Optical Design for UVOMPIS and Design Concept of the Mirror Holder
Woojin Par(박우진)[KHU], Seunghyuk Chang(장승혁)[KAIST], Soojong Pak(박수종), Jimin Han(한지민), Hojae Ahn(안호재), Sunwoo Lee(이선우)[KHU], Geon Hee Kim(김건희)[KBSI], Dae-Hee Lee(이대희)[KASI]

PAT-04

Johnson BV standardization of 60cm telescope at Gyeonggi Science High School for the Gifted
Hojae Ahn(안호재)[KHU], Seungjun Oh(오승준), Hyundong Lee(지현동), Woojin Park(박우진)[Gyeonggi Science High School], Ho Lee(이호), Hyunjong Kim(김현중)[Gyeonggi Science High School], Soojong Pak(박수종)[KHU]

PAT-05

Development of adaptive optics system for SNUO 1m telescope
Hyungjoon Ryu(유형준), Yong-Sun Park(박영선), Jin-guk Seo(서진국)[SNU]

PAT-06

Surface Error Generation of Freeform Mirror Based on Zernike Polynomial for Optical Performance Prediction
Sunwoo Lee(이선우), Woojin Park(박우진), Jimin Han(한지민), Hojae Ahn(안호재)[KHU], Yunjong Kim(김윤종), Dae-Hee Lee(이대희)[KASI], Geon Hee Kim(김건희)[KBSI], Soojong Pak(박수종)[KHU]

PAT-07

Design of the Filter Exchange Mechanism for Schmidt Telescope
Tae-Geun Ji(지태근), Woojin Park(박우진), Jimin Han(한지민), Dohoon Kim(김도훈)[KHU], Gu Lim(임구), Mankeun Jeong(정만근), Myungshin Im(임명신)[SNU] Soojong Pak(박수종)[KHU]

포스터 발표

천문우주관측기술(Astrophysical Techniques)

PAT-08

Design and Analysis of Collimator in Spectrophotometer for Transmission Spectroscopy of Exoplanets

Yeonho Choi(최연호)[KNU], Kang-Min Kim(김강민), Chan Park(박찬), Jeong-Gyun Jang(장정균), Inwoo Han(한인우), Byeong-Cheol Lee(이병철), Bi-Ho Jang(장비호)[KASI], Jong-Ung Lee(이종웅)[Cheongju University], Eui-Jeong Jeong(정위정)[KASI], Myeong-Gu Park(박명구)[KNU]

PAT-09

Optical Design and Tolerance Analysis for UVO-Multiband Polarizing Imager System

Jimin Han(한지민)[KHU], Seunghyuk Chang(장승혁)[KASIT], Woojin Park(박우진), Sunwoo Lee(이선우), Hojae Ahn(안호재)[KHU], Geon Hee Kim(김건희)[KBSI], Dae-Hee Lee(이대희)[KASI/KASIT], Soojong Pak(박수종)[KHU]

항성/항성계/외계행성(Stellar Astronomy)

PSA-01

Photoionization and Raman-scattered He II features in young planetary nebulae

Mi-Kyung Kim(김미경), Hee-Won Lee(이희원)[Sejong University]

PSA-02

The effects of the scattering opacity and the color temperature on numerically modelling of the first peak of type IIb supernovae

Seong Hyun Park(박성현), Sung-Chul Yoon(윤성철)[SNU]

PSA-03

Rapid Spectral Variability Monitoring of the Symbiotic Stars During One Night : CH Cyg, AG Dra, EG And

Tae Seog Yoon(윤태석), Soo Hyun Kim(김수현)[KNU], Hyung-il Oh(오형일)[KNU/KASI]

PSA-04

Flux-Limited Radiative Diffusion Module Applicable to Protoplanetary Disks

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

PSA-05

Evolution of massive stars in Case A binary systems and implications for supernova progenitors

Hunchul Lee(이현철), Sung-Chul Yoon(윤성철)[SNU]

태양/태양계(Solar/Solar System)

PSS-01

2019 Total Solar Eclipse Expedition of KASI

Su-Chan Bong(봉수찬), Heesu Yang(양희수), Jae-Ok Lee(이재옥), Jinhyun Kim(김지현), Young-Beom Jeon(전영범), Bi-Ho Jang(장비호), Jungjoon Seough(서정준), Young-Deuk Park(박영득)[KASI]

PSS-02

30cm Wide-Field Solar Spectro-Imaging Telescope (Post SOFT)

Heesu Yang(양희수), Seonghwan Choi(최성환), Eun-Kyung Li(임은경), Jihun Kim(김지훈), Jongyeob Park(박종엽), Ji-Hye Baek(백지혜), Kyung-Suk Cho(조경석), Yeon-Han Kim(김연한), Bi-Ho Jang(장비호), Ryun-Young Kwon(권륜영), Rok-Soon Kim(김록순), Sujin Kim(김수진), Yeong-Deuk Park(박영득), Suchan Bong(봉수찬), Jungjoon Seough(서정준), Young-Sil Kwak(곽영실)[KASI]