

2022 KAS Spring Meeting 04.13

13:00~14:00	등록	
14:00~14:20	개회사 축사 에스이랩-셋별상 시상	
시간표	초청강연 : 성변측후단자 UNESCO 세계기록유산 등재를 준비하며 [좌장 : Hyung Mok Lee]	
14:20~14:40	제1발표장	Invited talk 1-1 - Kyung Joon Lee
14:40~15:00		Invited talk 1-2 - Hong-Jin Yang
15:00~15:30	휴식시간	
시간표	특별 포럼 : 제4차 우주개발진흥 기본계획 우주탐사 분야 방향성 모색 [좌장 : Jongbin Im]	
15:30~15:50	주제발표	Ryun Young Kwon
panel	Young-Sil Kwak, Minsun Kim, Minjin Kim, Soojong Pak, Changwon Lee, Myungshin Im, Gwangson Choe, Young-Jun Choi, Woorak Choi	
15:50~16:20	패널토론1	국가적 가치/기술수준, 미래 국제 경쟁력을 고려한 향후 50년(100년) 국가 전략적 우주탐사 과학 임무
16:20~16:50	패널토론2	국내 기술 수준을 초과한 우주탐사 과학 임무-큰 보폭을 위한 국제 협력
16:50~17:20	패널토론3	국가 우주탐사 계획의 철학과 비전, 실현 방안-제5차 우주개발진흥 기본계획 준비
17:20~17:30	자유토론	

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09:30~10:10	제1발표장 Invited talk 2 - Michael C. Nolan [좌장 : Youngmin JeongAhn]					
10:10~10:30	휴식시간					
발표장	제1발표장		제2발표장		제3발표장	
시간표	Active Galactic Nuclei 1 [좌장 : Dohyeong Kim]		Interstellar matter/Star formation [좌장 : Jihyun Kang]		[특] Apophis/Solar System [좌장 : Chae Kyung Sim]	
10:30~10:45	박GC-01	Junhyun Baek	구IM-01	Jaeyeong Kim	구AS-01	Myung-Jin Kim
10:45~11:00			구IM-02	Daniel Han	구AS-02	Youngmin JeongAhn
11:00~11:15	구GC-02	Hojin Cho	구IM-03	Jeong- Gyu Kim	구AS-03	Hee-Jae Lee
11:15~11:30	구GC-03	Sungyong Hwang	구IM-04	Sanghyuk Moon	구AS-04	Chang Hyun Baek
11:30~11:45	구GC-04	Yongjung Kim	구IM-05	Jihye Hwang	구AS-05	Jooyeon Geem
11:45~12:00	구GC-05	Daeseong Park	구IM-06	Woojin Kwon	구AS-06	Mingyeong Lee
12:00~13:30	점심시간					
	미리보는 'Women in Astronomy of IAUGA'					
시간표	AGN 2/ External Galaxies - Observation 1 [좌장 : Yun-Kyeong Sheen]		Cosmology [좌장 : Arman Shafieloo]		Sun [좌장 : Ryun Young Kwon]	
13:30~13:45	구GC-06	Kyuseok Oh	구CD-01	Chul Chung	구SS-01	Sibaek Yi
13:45~14:00	구GC-07	Hyunsung Jun	구CD-02	Rodrigo Calderon	구SS-02	Gwangson Choe
14:00~14:15	구GC-08	Emmanuel F. Ocran	구CD-03	Hanwool Koo	구SS-03	Hangbin Jo
14:15~14:30	박GC-09	Woowon Byun	구CD-04	Young Ju		
14:30~14:45			구CD-05	Benedict K. W. Bahr-Kalus		
14:45~15:00	구GC-10	Yun Hee Lee	구CD-06	Christoph Saulder		
15:00~15:20	사진촬영					
15:20~16:00	제1발표장		Invited talk 3 - Bon-Chul Koo		[좌장: Jeong-Eun Lee]	
16:00~17:00	포스터발표 및 분과회의					
	태양우주환경분과					
시간표	External Galaxies - Observations 2 [좌장 : Seong-Kook Lee]		High energy astronomy/Theoretical astronomy [좌장 : Jungyeon Cho]		[특] Gravitational Wave Detection Technology [좌장 : Sungho Lee]	
17:00~17:15	박GC-11	Minhee Hyun	구HT-01	Ayan Bhattacharjee	구GWD-01	Kyung Ha Lee(18')
17:15~17:30			박HT-02	Jeongbhin Seo	구GWD-02	Chang Hee Kim(18')
17:30~17:45	구GC-12	Bomi Park			구GWD-03	June Gyu Park(18')
17:45~18:00	구GC-13	Eunhee Ko	박HT-03	Ji-Hoon Ha	구GWD-04	Sumin Lee(18')
18:00~18:15	구GC-14	Yongmin Yoon			구GWD-05	Young-Min Kim(18')
18:15~18:30	석GC-15	Shin-Jeong Kim	구HT-04	Kiwon Park		

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09:30~10:10	제1발표장	Invited talk 4 - Myeong-Gu Park	[좌장 : Byeong-Gon Park]			
10:10~10:30	휴식시간					
발표장	제1발표장		제2발표장		제3발표장	
시간표	Galaxy Simulations 1 [좌장 : Ji-hoon Kim]		Historical astronomy/Ephemerides/Astronomy Outreach and Education [좌장 : Hong-Jin Yang]		Astronomy & Space Science Technologies [좌장 : Woong-Seob Jeong]	
10:30~10:45	박GC-16	Yongseok Jo	구HE-01	Sang Hyuk Kim	구AT-01	Haeun Chung
10:45~11:00			구HE-02	Byeong-Hee Mihn	구AT-02	Changon Kim
11:00~11:15	구GC-17	Ena Choi	구HE-03	Seung-Urn Choe	구AT-03	Gregory S.H. Paek
11:15~11:30	구GC-18	Jaehong Park	구HE-04	Hyojun Lee	구AT-04	Seong-Heon Lee Dongjin Lee
11:30~11:45	구GC-19	Jaekyoung Jang	구HE-05	Jeong Ae Lee	구AT-05	Mankeun Jeong
11:45~12:00	구GC-20	Seyoung Jeon	구HE-06	Chang Hyun Baek	구AT-06	Tee-Geun Ji
12:00~13:30	점심시간					
시간표	Galaxy Simulations 2 [좌장 : Myoungwon Jeon]		Stars, Star Clusters/Exoplanets [좌장 : Sung-Chul Yoon]		Astronomy & Space Science Technologies [좌장 : Chan Park]	
13:30~13:45	구GC-21	Changbom Park	구SA-01	Jinhee Lee	구AT-07	Jongsoo Kim
13:45~14:00	구GC-22	Jaehyun Lee	구SA-02	Jeongyun Choi	구AT-08	MIngyeong Yang
14:00~14:15	구GC-23	Hannah Jhee	구SA-03	Seo-Won Chang	구AT-09	Hojae Ahn
14:15~14:30	구GC-24	Woorak Choi	구SA-04	Hyosun Kim	구AT-10	Myungshin Im
14:30~14:45	구GC-25	Eunyu Lee	구SA-05	Moo-Keon Jung		
14:45~15:00	구GC-26	Hyeseung Lee	구SA-06	Seong Hyun Park		
15:00~15:20	제1발표장	메타스페이스-우수포스터상 시상 및 폐회				

Schedule of Poster Session 04. 13 ~ 15

poster size : A0

분야	번호	이름	분야	번호	이름
고에너지/ 이론천문학	PHT-01	Sang In Kim	외부은하/ 은하단	PGC-01	Minsu Kim
	PHT-02	Sunjung Kim		PGC-02	Sang Hyun Kim
	PHT-03	Kwangmin Oh		PGC-03	Sungsoon Lim
고천문학/ 천문역법	PHA-01	Uhn Mee Bahk		PGC-04	Hyeon-Woo Jeong
교육홍보	PAE-01	Joonho Kim		PGC-05	Brian S. Cho
	PAE-02	Jaeil Cho		PGC-06	Jeeun Hwang
	PAE-03	Daeyoung Park		PGC-07	Mira Seo
성간물질/ 별생성/ 우리은하	PIM-01	Dayoung Pyo		PGC-08	Ashraf Ayubinia
	PIM-02	Sieun Lee		PGC-09	Seong-Kook Lee
	PIM-03	Jiwon Han	우주론/ 암흑물질, 암흑에너지	PCD-01	Jeongin Moon
	PIM-04	Chulhwan Kim		PCD-02	Se Yeon Hwang
	PIM-05	Aran Lyo		PCD-03	Hyeonmo Koo
천문우주 관측기술	PAT-01	Young-Soo Kim	천문화학/ 천문생물학	PAB-01	Giseon Baek
	PAT-02	Jaemin Lee	태양/ 태양계	PSS-01	Yeon-Han Kim
	PAT-03	Hye-In Lee		PSS-02	Hwanhee Lee
	PAT-04	Chung-Uk Lee		PSS-03	Yeon Woo Jang
항성, 항성계/ 외계행성	PSA-01	Jae-Joon Lee		PSS-04	Su-Chan Bong
	PSA-02	Hyeonho Choi		PSS-05	Minbae Kim

제1발표장 첫째날 : 04월 13일 (수)

13:00~14:00

등록

14:00~14:20

개 회 사 : 박명구 학회장
축 사 : 박영득 한국천문연구원 원장
시 상 : 에스이랩-샛별상 수상자

초청강연

좌장 : Hyung Mok Lee(이형목)[SNU]

14:20~14:40

초 IT-01-1

UNESCO's Memory of the World

Kyung Joon Lee(이경준, 명예교수)[SNU/산림녹화 기록물 UNESCO 등재 추진위원장]

14:40~15:00

초 IT-01-2

SeongByeonCheukHuDanJa: preparing to be listed as the UNESCO's Memory of the World

Hong-Jin Yang (양홍진)[KASI/성변측후단자 UNESCO 등재 추진 준비위원회]

15:00~15:30

휴식시간

Special Forum (특별포럼)

좌장 : Jongbin Im (임종빈)[KSPRC]

15:30~15:50

주제발표

제4차 우주개발진흥 기본계획 우주탐사 분야 방향성 모색

(Special Forum: Korea Space Exploration in the 4th Plan for Promotion of Space Development)

Ryun Young Kwon(권윤영)[Korea Space Policy Research Center]

Panel Discussion (가나다 순)

Young-Sil Kwak(곽영실)[KASI], Minsun Kim(김민선)[KASI], Minjin Kim(김민진)[KNU],
Soojong Pak(박수종)[KHU], Changwon Lee(이창원)[천문연], Myungshin Im(임명신)[SNU],
Gwangson Choe(최광선)[KHU], Young-Jun Choi(최영준)[KASI], Woorak Choi(최우락)[Yonsei Univ./YAM]

15:50~16:20

Discussion 1

국가적 가치/기술수준,

미래 국제 경쟁력을 고려한 향후 50년(100년) 국가 전략적 우주탐사 과학 임무

16:20~16:50

Discussion 2

국내 기술 수준을 초과한 우주탐사 과학 임무-큰 보폭을 위한 국제 협력

16:50~17:20

Discussion 3

국가 우주탐사 계획의 철학과 비전, 실현 방안 - 제5차 우주개발진흥 기본계획 준비

17:20~17:30

Group Discussion

제1발표장 둘째날 : 04월 14일 (목)

초청강연

좌장 : Youngmin JeongAhn(정안영민)[KASI]

09:30~10:10 초 IT-02

APEX - An OSIRIS-REx extended mission to asteroid Apophis

Michael C. Nolan[University of Arizona]

10:10~10:30 휴식시간

Active Galactic Nuclei 1

좌장 : Dohyeong Kim(김도형)[PNU]

10:30~11:00 박 GC-01

Parsec-scale jet properties of active galactic nuclei located in a wide range of density environment

Junhyun Baek(백준현), Aeree Chung(정애리)[Yonsei University]

11:00~11:15 구 GC-02

Spectroscopic reverberation mapping of the intermediate-mass AGN in NGC 4395

Hojin Cho(조호진), Jong-Hak Woo(우종학)[SNU], NGC 4395 Collaborations

11:15~11:30 구 GC-03

Medium-band Observation of Neutrino Emitting Blazar, TXS 0506+056

Sungyong Hwang(황성용), Myungshin Im(임명신), Yoon Chan Taak(탁윤찬), Insu Paek(백인수), Changsu Choi(최창수), Suhyun Shin(신수현), Sang-Yun Lee(이상윤)[SNU], Tae-Geun Ji(지태근), Soojong Pak(박수중), Hye-In Lee(이혜인), Hojae Ahn(안호재), Jimin Han(한지민), Changgon Kim(김창곤)[KHU], Jennifer Marshall[Texas A&M University], Christopher M. Johns-Krull[Rice University], Coyne A. Gibson[McDonald Observatory], Luke Schmidt, Travis Prochaska[Texas A&M University]

11:30~11:45 구 GC-04

The Infrared Medium-deep Survey. IX. Discovery of Two New $z \sim 6$ Quasars and Space Density down to $M_{1450} \sim -23.5$ mag

Yongjung Kim(김용정)[KNU/Kavli Institute], Myungshin Im(임명신)[SNU], Yiseul Jeon(전이슬)[FEROKA Inc.], Minjin Kim(김민진)[KNU],

Linhua Jiang[Kavli Institute/Peking University], Suhyun Shin(신수현)[SNU], IMS team

11:45~12:00 구 GC-05

A New Iron Emission Template for Active Galactic Nuclei. I. Optical Template for the H β region

Daeseong Park (박대성)[KNU/KASI], Aaron J. Barth[University of California], Luis C. Ho[Peking University], Ari Laor[Technion - Israel Institute]

12:00~13:30

점심시간 &

미리보는 'Women in Astronomy of IAU GA'

AGN 2/ External Galaxies - Observation 1

좌장 : Yun-Kyeong Sheen(신윤경)[KASI]

13:30~13:45 구 GC-06

BASS DR2: Spectroscopic line measurements and AGN demographics

Kyuseok Oh(오규석)[KASI/Kyoto University], Michael J. Koss[Eureka Scientific/Space Science Institute], Yoshihiro Ueda[Kyoto University], Daniel Stern[Jet Propulsion Laboratory], Claudio Ricci[Universidad Diego Portales/Peking University], Benny Trakhtenbrot[Tel Aviv University], Meredith C. Powell[Stanford University], Jakob S. Den Brok[ETH Zurich/University of Bonn], Isabella Lamperti[Centro de Astrobiologia], Richard Mushotzky[University of Maryland], Federica Ricci[Universita di Bologna/INAF], Rudolf E. Bar[ETH Zurich], Alejandra F. Rojas[Universidad de Antofagasta], Kohei Ichikawa[Max-Planck-Institut for Extraterrestrische Physik/Tohoku University], Rogerio Riffel[Universidade Federal do Rio Grande do Sul], Ezequiel Treister[Pontificia Universidad Catolica de Chile], Fiona Harrison[California Institute of Technology], C. Megan Urry[Yale University], Franz E. Bauer[Pontificia Universidad Catolica de Chile/Millennium Institute of Astrophysics/Space Science Institute], Kevin Schawinski[Modulos AG]

제1발표장 둘째날 : 04월 14일 (목)

AGN 2/ External Galaxies - Observation 1

좌장 : Yun-Kyeong Sheen(신윤경)[KASI]

13:45~14:00 구 GC-07

Overdensity of H-alpha Emitters Around an Extremely Massive Quasar at $z = 1.47$

Hyunsung Jun(전현성)[SNU/KIAS], Myungshin Im(임명신)[SNU], Minhee Hyun(현민희)[KASI],
Yongmin Yoon(윤용민)[KIAS], Peter Eisenhardt[et Propulsion Laboratory],
Jueun Hong[SPHERE], Yiseul Jeon[FEROKA], Duho Kim(김두호), Jae-Woo Kim(김재우)[KASI],
Ji Hoon Kim(김지훈)[SNU], Changbom Park(박창범)[KIAS]

14:00~14:15 구 GC-08

The nature of the faint radio source population through stacking

Emmanuel F. Ocran[KASI/University of the Western Cape], J. M. Stil[University of Calgary],
A. R. Taylor[University of the Western Cape/University of Cape Town],
M. Vaccari[University of the Western Cape/University of Cape Town/INAF],
C. H. Ishwara-Chandra[University of Cape Town/Tata Institute of Fundamental Research],
Jae-Woo Kim(김재우)[KASI]

14:15~14:45 박 GC-09

Detection and Analysis of Low Surface Brightness Systems in the Outskirts of Nearby Galaxies with KMTNet

Woowon Byun(변우원), Yun-Kyeong Sheen(신윤경)[KASI], Luis C. Ho[Kavli Institute/Peking University], Kwang-Il Seon(선광일)[KASI/UST], Joon Hyeop Lee(이준협)[KASI],
Sang Chul Kim(김상철)[KASI/UST], Hyunjin Jeong(정현진), Byeong-Gon Park(박병곤)[KASI],
Yongseok Lee(이용석), Sang-Mok Cha(차상목)[KASI/KHU], Jongwan Ko(고종완)[KASI/UST],
Minjin Kim(김민진)[KNU]

14:45~15:00 구 GC-10

Properties of Fast and Slow Bars Classified by Epicyclic Frequency Curves from Photometry of Barred Galaxies

Yun Hee Lee(이윤희)[KASI], Myeong-Gu Park(박명구)[KNU],
Ho Seong Hwang(황호성)[KASI/SNU], Hong Bae Ann(안홍배)[PNU],
Haeun Chung(정하은)[University of Arizona], Taehyun Kim(김태현)[KNU]

15:00~15:20 사진촬영

초청강연

좌장 : Jeong-Eun Lee(이정은)[KHU]

15:20~16:00 초 IT-03

Cassiopeia A: A Prototypical Supernova Remnant for the Study of Core-Collapse Supernova Explosions

Bon-Chul Koo(구본철)[SNU]

16:00~17:00 분과회의 : 태양우주환경분과

16:00~17:00 포스터 발표

External Galaxies - Observations 2

좌장 : Seong-Kook Lee(이성국)[SNU]

17:00~17:30 박 GC-11

Study of High Redshift Galaxies at Different Environments with Multi-object Spectroscopic and Submm Observations

Minhee Hyun(현민희)[KASI/SNU], Myungshin Im(임명신)[SNU]

17:30~17:45 구 GC-12

KS4 Massive Galaxy Cluster Candidates in the Southern Sky

Bomi Park(박보미), Myungshin Im(임명신)[SNU], Joonho Kim(김준호)[DNSM/SNU],
Minhee Hyun(현민희)[SNU], Seong-Kook Lee(이성국)[SNU], Jae-Woo Kim(김재우)[KASI],
Eunhee Ko(고은희)[SNU], KS4 team

17:45~18:00 구 GC-13

Testing Web Feeding Model for Star Formation in Galaxy Clusters in the COSMOS Field

Eunhee Ko(고은희), Myungshin Im(임명신), Seong-Kook Lee(이성국)[SNU],
Min hee Hyun(현민희)[KASI], Bomi Park(박보미)[SNU]

18:00~18:15 구 GC-14

Evidence for Impact of Galaxy Mergers on Properties of Early-type Galaxies

Yongmin Yoon(윤용민), Changbom Park(박창범)[KIAS], Haeun Chung(정하은)[University of
Arizona], Gu Lim(임구)[SNU], Richard R. Lane[Universidad Bernardo O'Higgins]

18:15~18:30 석 GC-15

HI gas kinematics of galaxy pairs in cluster environments from ASKAP pilot observations

Shin-Jeong Kim(김신정), Se-Heon Oh(오세현), Minsu Kim(김민수)[Sejong University],
Hye-Jin Park(박혜진[Australian National University]), Shinna Kim(김신나)[Sejong University],
ASKAP WALLABY Science Group 2 (SWG 2)

제2발표장 둘째날 : 04월 14일 (목)

초청강연 (제1발표장)

좌장 : Youngmin JeongAhn(정안영민)[KASI]

09:30~10:10 초 IT-02

APEX - An OSIRIS-REx extended mission to asteroid Apophis

Michael C. Nolan[University of Arizona]

10:10~10:30 휴식시간

Interstellar matter/Star formation

좌장 : Jihyun Kang(강지현)[KASI]

10:30~10:45 구 IM-01

A study of gas and ice chemistry for protostars in the Perseus molecular cloud using the AKARI near-IR slitless spectra

Jaeyeong Kim(김재영)[KASI], Jeong-Eun Lee(이정은), Chul-Hwan Kim(김철환)[KHU],
Tien-Hao Hsieh[Max-Planck-Institute], Yao-Lun Yang[University of Virginia],
Nadia Murillo[RIKEN Wako Institute], Yuri Aikawa[University of Tokyo],
Woong-Seob Jeong(정웅섭)[KASI]

10:45~11:00 구 IM-02

Impact of Radiation Feedback on the Formation of Globular Cluster Candidates during Cloud-Cloud collisions

Daniel Han(한다니엘), Taysun Kimm(김태선)[Yonsei University],
Harley Katz, Julien Devriendt, Adrianne Slyz[University of Oxford]

11:00~11:15 구 IM-03

Photochemistry and Heating/Cooling of the Multiphase ISM with UV Radiative Transfer

Jeong- Gyu Kim(김정규)[KASI/Princeton University], Munan Gong[MPE Garching],
Chang-Goo Kim(김창구), Eve C. Ostriker[Princeton University]

11:15~11:30 구 IM-04

Effects of Magnetic Fields on Gas Dynamics and Star Formation in Nuclear Rings

Sanghyuk Moon(문상혁), Woong-Tae Kim(김웅태)[SNU]

11:30~11:45 구 IM-05

A Spiral Magnetic Field in a Hub-Filament Structure, Monoceros R2

Jihye Hwang(황지혜), Jongsoo Kim(김종수)[KASI/UST], BISTRO team

11:45~12:00 구 IM-06

Magnetic Fields in the Serpens Main Molecular Cloud

Woojin Kwon (권우진)[SNU]

12:00~13:30

점심시간

Cosmology

좌장 : Arman Shafieloo[KASI]

13:30~13:45 구 CD-01

Evidence for strong systematic bias in supernova cosmology

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

13:45~14:00 구 CD-02

A Negative Cosmological Constant?

Rodrigo Calderon[KASI], Benjamin L'Huillier[Yonsei University],
Radouane Gannouji[Pontificia Universidad Católica de Valparaíso],
David Polarski[Université de Montpellier]

제2발표장 둘째날 : 04월 14일 (목)

Cosmology

좌장 : Arman Shafieloo[KASI]

14:00~14:15 구 CD-03

Bayesian vs frequentist: comparing Bayesian model selection with a frequentist approach using the iterative smoothing method

Hanwool Koo(구한울)[KASI/UST], Ryan E. Keeley[KASI/University of California Merced], Arman Shafieloo[KASI/UST], Benjamin L'Huillier[Sejong University]

14:15~14:30 구 CD-04

Mulguisin Clustering Algorithm I. - Comparison of Clustering Algorithms for Study of Cosmic Structure Finding

Young Ju(주영)[University of Seoul], Sungwook E. Hong(홍성욱)[University of Seoul/KASI/UST], Inkyu Park(박인규), Cristiano G. Sabiu[University of Seoul]

14:30~14:45 구 CD-05

Detection of the Integrated Sachs-Wolfe Effect with the Rapid ASKAP Continuum Survey

Benedict K. W. Bahr-Kalus[KASI], Jacobo AsoreyCentro de Investigaciones Energeticas], Stefano Camera[Università degli Studi di Torino], Catherine Hale[niversity of Edinburgh], David Parkinson, Fei Qin[KASI]

14:45~15:00 구 CD-06

Challenges of BAO peak measurement using photometric data

Christoph Saulder, Yong-Seon Song(송용선)[KASI], Minji Oh(오민지)[Chosun University]

15:00~15:20 사진촬영

초청강연 (제1발표장)

좌장 : Jeong-Eun Lee(이정은)[KHU]

15:20~16:00 초 IT-03

Cassiopeia A: A Prototypical Supernova Remnant for the Study of Core-Collapse Supernova Explosions

Bon-Chul Koo(구본철)[SNU]

16:00~17:00 포스터 발표 및 분과회의

High energy astronomy/Theoretical astronomy

좌장 : Jungyeon Cho(조정연)[CNU]

17:00~17:15 구 HT-01

A Simulation Study of Morphologies of FR-I and FR-II jets

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

17:15~17:45 박 HT-02

Acceleration of Ultra-high Energy Cosmic Rays at Relativistic Jets

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

17:45~18:15 박 HT-03

Cosmic Ray Acceleration at Shocks in Galaxy Clusters

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

18:15~18:30 구 HT-04

Evolution of Kinetic and Magnetic Energy in a large magnetic Prandtl number System

Kiwan Park(박기완)[OMEG Soongsil University]

제3발표장 둘째날 : 04월 14일 (목)

초청강연 (제1발표장)

좌장 : Youngmin JeongAhn(정안영민)[KASI]

09:30~10:10 초 IT-02

APEX - An OSIRIS-REx extended mission to asteroid Apophis

Michael C. Nolan[University of Arizona]

10:10~10:30 휴식시간

[특] Apophis/Solar System

좌장 : Chae Kyung Sim(심채경)[KASI]

10:30~10:45 구 AS-01

Rendezvous Mission to Apophis: I. Science Goals

Myung-Jin Kim(김명진), Hong-Kyu Moon(문홍규)[KASI], Young-Jun Choi(최영준)[KASI/UST],
Minsup Jeong(정민섭)[KASI], Masateru Ishiguro[SNU], Youngmin JeongAhn(정안영민),
Hee-Jae Lee(이희재), Hongu Yang(양홍우), Seul-Min Baek(백슬민), Jin Choi(최진),
Chae Kyung Sim(심채경), Dukhang Lee(이덕행)[KASI], Dong-Heun Kim(김동훈)[KASI/CBNU],
Eunjin Cho(최은진), Mingyeong Lee(이민경)[KASI/UST], Yoonsoo Bach(박윤수),
Sunho Jin(진선호), Jooyeon Geem(김주연), Hangbin Jo(조항빈)[SNU],
Sangho Choi(최상호)[Yonsei University], Yaeji Kim[Auburn University],
Yoonyoung Kim(김윤영), Yuna Kwon(권유나)[Univ of Braunschweig]

10:45~11:00 구 AS-02

Rendezvous Mission to Apophis: II. Changes of the spin state and the orbital parameters of Apophis during the 2029 Earth encounter

Youngmin JeongAhn(정안영민), Myung-Jin Kim(김명진), Hee-Jae Lee(이희재),
Hong-Kyu Moon(문홍규)[KASI], Young-Jun Choi(최영준)[KASI/UST]

11:00~11:15 구 AS-03

Rendezvous Mission to Apophis: III. Physical properties of (99942) Apophis revealed from the observations in 2021

Hee-Jae Lee(이희재), Myung-Jin Kim(김명진)[KASI], Dong-Heun Kim(김동훈)[KASI/CBNU],
Hong-Kyu Moon(문홍규), Young-Jun Choi(최영준)[KASI/UST] on behalf of the Apophis
Observation Team

11:15~11:30 구 AS-04

Utilizing Scientific Culture Contents in Apophis Project

Chang Hyun Baek(백창현)[NSM], Young-Jun Choi(최영준)[KASI]

11:30~11:45 구 AS-05

Polarimetric Observation of (3200) Phaethon, in Preparation for the Upcoming DESTINY+ Space Mission

Jooyeon Geem(김주연), Masateru Ishiguro[SNU], Jun Takahashi[University of Hyogo], Hiroshi
Akitaya[Chiba Institute of Technology], Koji S. Kawabata, Tatsuya Nakaoka, Ryo Imazawa,
Fumiki Mori[Hiroshima University], Daisuke Kuroda[Kyoto University],
Sunao Hasegawa[JAEA], Fumi Yoshida, Ko Ishibashi, Tomoko Arai[Chiba Institute of
Technology], Tomohiko Sekiguchi[Hokkaido University of Education],
Yuji Ikeda, Yoshiharu Shinnaka[Kyoto Sangyo University], Yoonsoo P. Bach (박윤수),
Sunho Jin(진선호), Hangbin Jo (조항빈)[KASI], Myungjin Kim(김명진)[SNU]

11:45~12:00 구 AS-06

Laboratory experiment for light scattering near opposition with 3D printed regolith models

Mingyeong Lee(이민경)[KASI/UST], Minsup Jeong(정민섭)[KASI],
Young-Jun Choi(최영준)[KASI/UST]

12:00~13:30

점심시간

제3발표장 둘째날 : 04월 14일 (목)

Sun

좌장 : RYUN Young KWON(권윤영)[KASI]

- 13:30~13:45 구 SS-01
Which Is More Important in Solar Eruption, Magnetic Helicity or Winding Number?
Sibaek Yi(이시백), Gwangson Choe(최광선)[KHU]
- 13:45~14:00 구 SS-02
On the Poloidal-Toroidal Representation of Magnetic Field
Gwangson Choe(최광선), Sibaek Yi(이시백), Minseon Lee(이민선)[KHU]
- 14:00~14:15 구 SS-03
Numerical study of low-velocity dust ejection from Phaethon and its connection to the Geminid meteoroid stream
Hangbin Jo(조항빈), Masateru Ishiguro[SNU]

15:00~15:20 사진촬영

초청강연 (제1발표장)

좌장 : Jeong-Eun Lee(이정은)[KHU]

- 15:20~16:00 초 IT-03
Cassiopeia A: A Prototypical Supernova Remnant for the Study of Core-Collapse Supernova Explosions
Bon-Chul Koo(구본철)[SNU]

16:00~17:00 포스터 발표 및 분과회의

[특] Gravitational Wave Detection Technology

좌장 : Sungho Lee(이성호)[KASI]

- 17:00~17:18 구GWDT-01
aLIGO Gravitational Wave Detector: Quad Suspension and Optical Mirrors
Kyung-ha Lee(이경하)[Sungkyunkwan University]
- 17:18~17:36 구GWDT-02
Experimental Demonstration of Squeezing the Vacuum
Chang-Hee Kim (김창희), Sungho Lee (이성호), June Gyu Park (박준규),
Yunjong Kim (김윤종), Ueejeong Jeong (정의정), Hyeon Cheol Seong (성현철)[KASI]
- 17:36~17:54 구GWDT-03
Frequency dependent squeezing using filter cavity and vacuum compatible faraday isolator for KAGRA
June Gyu Park (박준규), Sungho Lee (이성호), Chang-Hee Kim (김창희),
Yunjong Kim (김윤종), Ueejeong Jeong (정의정), Hyeon Cheol Seong (성현철)[KASI]

17:54~18:12 구GWDT-04

Mode matching telescope design and simulation for the EPR-SIPS experiment

Sumin Lee(이수민)[KHU], Chang Hee Kim(김창희)[KASI], Jimin Han(한지민)[KHU],
Sibilla Di Pace[University of Roma], V Sequino[Sezione di Genova],
Yunjong Kim(김윤종)[KASI], Changgon Kim(김창곤), Hojae Ahn(안호재),
Soojong Pak(박수종)[KHU], Sungho Lee(이성호)[KASI], Jaewan Kim(김재완)[Myongji University],
M Bawaj[Sezione di Perugia], M Barsuglia[Universit'e Paris Diderot], M Bazzan[Universit'a
di Padova], E Calloni[Universit'a di Napoli], G Ciani, L Conti[Universit'a di Padova],
B D'Angelo[Universit'a degli Studi di Genova/Sezione di Genova], M De Laurentis,
R De Rosa[Universit'a di Napoli], V Fafone[Universit'a di Roma/Sezione di Roma Tor
Vergata], B Garaventa[Universit'a degli Studi di Genova/Sezione di Genova],
G Gemme[Sezione di Genova], A Gennai[Sezione di Pisa], L Giacoppo[Universit'a di
Roma/Sezione di Roma Tor Vergata], J Harms[Gran Sasso Science Institute/Laboratori
Nazionali del Gran Sasso], I Khan1614, E Majorana[Universit'a di Roma/Sezione di Roma],
L Naticchioni[Sezione di Roma], C Nguyen[Universit'e Paris], D Passuello[Sezione di Pisa],
G Prodi[Universit'a di Trento], F Ricci[Universit'a di Roma/Sezione di Roma],
A Rocch[Universit'a di Roma], F Sorrentino[Sezione di Genova], M Vardaro,
JP Zendri[Universit'a di Padova]

18:12~18:30 구GWDT-05

Gravitational-wave detector characterization and machine learning application

Young-Min Kim(김영민), Kihyun Jung(정기현), Kyujin Kwak(곽규진)[UNIST],
Sang Hoon Oh(오상훈), Whasun Kim(김환선), Edwin J. Son(손재주), John J. Oh(오정근)[NIMS]

제1발표장 세째날 : 04월 15일 (금)

초청강연

좌장 : Byeong-Gon Park(박병곤)[KASI]

09:30~10:10 초 IT-04

SPECTR: Spectrophotometer for Transmission Spectroscopy of Exoplanet Systems

Myeong-Gu Park(박명구)[KNU], Kang-Min Kim(김강민), Yeon-ho Choi(최연호),
Chan Park(박찬), Inwoo Han(한인우), Byeong-Cheol Lee(이병철), Ueejeong Jeong(정의정),
Be-Ho Jang(장비호), Jeong Gyun Jang(장정균), Sang-Min Lee(이상민)[KASI],
Tae-Yang Bang(방태양), Jae-Rim Koo(구재림)[KNU]

10:10~10:30

휴식시간

Galaxy Simulations 1

좌장 : Ji-hoon Kim(김지훈)[SNU]

10:30~11:00 박 GC-16

Calibration of Simulated Universe with Observed Universe

Yongseok Jo(조용석)[SNU]

11:00~11:15 구 GC-17

The Metallicity Distribution Function in Outer Halo Fields of Simulated Elliptical Galaxies
Compared to Observations of NGC 5128

Ena Choi (최이나)[KIAS], Jeremiah P. Ostriker[Columbia University],
Michaela Hirschmann[University of Copenhagen], Rachel S. Somerville[Flatiron Institute],
Thorsten Naab[Max-Planck-Institut für Astrophysik]

11:15~11:30 구 GC-18

Modelling Lyman-alpha emitters (LAEs) and properties of simulated LAEs: an empirical
approach

Jaehong Park(박재홍), Changbom Park(박창범), Jaehyun Lee(이재현), Juhan Kim(김주한)[KIAS]

11:30~11:45 구 GC-19

Simulated galaxies with an observer's view: from kinematics to photometry

Jaekyoung Jang(장재경), Jinsu Rhee(이진수), Sukyoung K. Yi(이석영)[Yonsei University]

11:45~12:00 구 GC-20

The star formation quenching and transition epoch of the Horizon-AGN galaxies

Seyoung Jeon(전세영), Sukyoung K. Yi(이석영), San Han(한산), Ryan A. Jackson,
Jinsu Rhee(이진수)[Yonsei University]

12:00~13:30

점심시간

Galaxy Simulations 2

좌장 : Myoungwon Jeon(전명원)[KHU]

13:30~13:45 구 GC-21

Formation and Morphology of the First Galaxies in the Cosmic Morning

Changbom Park(박창범), Jaehyun Lee(이재현), Juhan Kim(김주한)[KIAS],
Donghui Jeong(정동휘)[University Park/KIAS], Christophe Pichon[CNRS /IPhT/KIAS],
Brad K. Gibson[University of Hull], Owain N. Snaith[GEPI], Jihye Shin(tlswlg)[KASI],
Yonghwi Kim(김용휘)[KIAS], Yohan Dubois[CNRS], C. Gareth Few[University of Hull]

13:45~14:00 구 GC-22

Simulating jellyfish features with a gas-rich dwarf galaxy

Jaehyun Lee(이재현)[KIAS], Taysun Kimm(김태선)[Yonsei University], Jeremy Blaizot[Université
Claude Bernard Lyon1], Harley Katz[University of Oxford], Wonki Lee(이원기)[Yonsei
University], Yun-Kyeong Sheen(신윤경)[KASI], Julien Devriendt, Adrienne Slyz[University of
Oxford]

제1발표장 세째날 : 04월 15일 (금)

Galaxy Simulations 2

좌장 : Myoungwon Jeon(전명원)[KHU]

14:00~14:15 구 GC-23

Tracking Halo Orbits and Their Mass Evolution around Large-scale Filaments
Hannah Jhee(지한나)[University of Seoul], Hyunmi Song(송현미)[CNU], Rory Smith[University of Seoul/Universidad Technica Frederico de Santa Maria], Jihye Shin(신지혜)[KASI], Inkyu Park(박인규)[University of Seoul], Clotilde Laigle[Institut d'Astrophysique de Paris]

14:15~14:30 구 GC-24

Modeling RPS of the multiphase ISM: a detailed view from TIGRESS simulations
Woorak Choi(최우락)[Yonsei University], Chang-Goo Kim(김창구)[Princeton University], Aeree Chung(정애리)[Yonsei University]

14:30~14:45 구 GC-25

Properties of Shocks in Simulated Merging Clusters of Galaxies
Eunyu Lee(이은유), Dongsu Ryu(류동수)[UNIST], Hyesung Kang(강혜성)[PNU]

14:45~15:00 구 GC-26

Effects of seed magnetic fields on small-scale turbulent dynamo in clusters of galaxies
Hyeseung Lee(이혜승), Dongsu Ryu(류동수)[UNIST]

15:00~15:20

메타스페이스 - 우수포스터상 시상 및 폐회

제2발표장 세째날 : 04월 15일 (금)

초청강연 (제1발표장)

좌장 : Byeong-Gon Park(박병곤)[KASI]

09:30~10:10 초 IT-04

SPECTR: Spectrophotometer for Transmission Spectroscopy of Exoplanet Systems

Myeong-Gu Park(박명구)[KNU], Kang-Min Kim(김강민), Yeon-ho Choi(최연호),
Chan Park(박찬), Inwoo Han(한인우), Byeong-Cheol Lee(이병철), Ueejeong Jeong(정의정),
Be-Ho Jang(장비호), Jeong Gyun Jang(장정균), Sang-Min Lee(이상민)[KASI],
Tae-Yang Bang(방태양), Jae-Rim Koo(구재림)[KNU]

10:10~10:30

휴식시간

Historical astronomy/Ephemerides/
Astronomy Outreach and Education

좌장 : Hong-Jin Yang(양홍진)[KASI]

10:30~10:45 구 HE-01

Investigation of a stone Angbu-ilgu in the late Joseon Dynasty

Sang Hyuk Kim(김상혁)[KASI], Byeong-Hee Mihn(민병희)[KASI/UST],
Jae-Young Kim(김재영)[KASI]

10:45~11:00 구 HE-02

The Model of a Mechanical Armillary Sphere Made by a Neo-Confucian at Late Joseon

Byeong-Hee Mihn(민병희)[KASI/UST], Yong-Hyun Yun(윤용현)[NSM],
Sang Hyuk Kim(김상혁)[KASI], Ho Chul Ki(기호철)[Ghil Institute]

11:00~11:15 구 HE-03

Lunar motion described in the Yuè lí lì zhǐ(月離曆指) of the Chongzhen reign treatises on
Calendrical Astronomy(Chóngzhēn lìshū 崇禎曆書)

Choe Seung-Urn(최승언)[SNU], Kang Min-Jeong(강민정)[ITKC]

11:15~11:30 구 HE-04

A study on the definition of terms related to approach and distance between celestial
bodies in Korean historical astronomical records

Hyojun Lee(이효준)[Yonsei University/KASI], Hong-Jin Yang(양홍진)[KASI],
Suk-Jin Yoon(윤석진)[Yonsei University]

11:30~11:45 구 HE-05

Let's go to the Universe, TOGETHER!

Jeong Ae Lee(이정애)[KASI], Hojun Lee(이효준), Sujin Kim(김수진)[Nowon Cosmos Science
Center], Minkyung Woo(우민경)[SL Lab], UNAWA Korea

11:45~12:00 구 HE-06

Pop-up Exhibition of JWST in NSM

Chang Hyun Baek(백창현), Cheolhee Kim(김철희), Woonhee Min(민운희),
Jihyuk Lee(이지혁)[NSM]

12:00~13:30

점심시간

Stars, Star Clusters/Exoplanets

좌장 : Sung-Chul Yoon(윤성철)[SNU]

13:30~13:45 구SA-01

Bayesian Estimation of Stellar Ages (BESA)

Jinhee Lee(이진희)[PNU]

13:45~14:00 구SA-02

Effects of He and CNO enhanced multiple stellar populations in determining the absolute
ages of globular clusters

Jeongyun Choi(최정윤), Young-Wook Lee(이영욱), Chul Chung(정철)[Yonsei University],
Sohee Jang(장소희)[Universit`a di Padova], Junhyuk Son(손준혁)[Yonsei University]

제2발표장 세째날 : 04월 15일 (금)

Stars, Star Clusters/Exoplanets

좌장 : Sung-Chul Yoon(윤성철)[SNU]

14:00~14:15 구SA-03

Evidence for Spatially Dependent Magnetic Activity of M dwarfs in the Solar Cylinder

Seo-Won Chang (장서원)[SNU],

Christian Wolf, Christopher A. Onken[Australian National University]

14:15~14:30 구SA-04

Accretion Disk Model for an S-type Symbiotic Star AG Dra

Hyosun Kim(김효선)[KASI], Young-Min Lee(이영민)[Sejong University/SEP Engineering],

Hee-Won Lee(이희원)[Sejong University]

14:30~14:45 구SA-05

Mass loss enhancement of stripped envelope supernova progenitor and implication for SN 2019yvr

Moo-Keon Jung(정무건), Sung-Chul Yoon(윤성철)[SNU], Hyun-Jeong Kim(김현정)[KASI]

14:45~15:00 구SA-06

The effects of chemical mixing in supernova ejecta on the first peak of type IIb supernovae

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

15:00~15:20

메타스페이스 - 우수포스터상 시상 및 폐회

초청강연 (제1발표장)

좌장 : Byeong-Gon Park(박병곤)[KASI]

09:30~10:10 초 IT-04

SPECTR: Spectrophotometer for Transmission Spectroscopy of Exoplanet Systems

Myeong-Gu Park(박명구)[KNU], Kang-Min Kim(김강민), Yeon-ho Choi(최연호),
Chan Park(박찬), Inwoo Han(한인우), Byeong-Cheol Lee(이병철), Ueejeong Jeong(정의정),
Be-Ho Jang(장비호), Jeong Gyun Jang(장정균), Sang-Min Lee(이상민)[KASI],
Tae-Yang Bang(방태양), Jae-Rim Koo(구재림)[KNU]

10:10~10:30

휴식시간

Astronomy & Space Science Technologies

좌장 : Woong-Seob Jeong(정웅섭)[KASI]

10:30~10:45 구 AT-01

Aspera: The UV Small-Satellite mission for mapping warm-hot gas in nearby galaxy halos
Haeun Chung(정하은), Carlos Vargas, Erika Hamden[Univesity of Arizona], Aspera Team

10:45~11:00 구 AT-02

Optical design and analysis of Linear Astigmatism Free-Three Mirror System (LAF-TMS)
for MESSIER satellite

Changgon Kim(김창곤), Dohoon Kim(김도훈), imin Han(한지민)[KHU],
Sunwoo Lee(이선우)[KBSI], Seunghyuk Chang(장승혁)[CISS],
Daewook Kim(김대욱)[University of Arizona], David Valls-Gabaud[Observatoire de Paris],
Rémi Cabanac[University of Toulouse], Soojong Pak(박수종)[KHU]

11:00~11:15 구 AT-03

CNN-TDA Net : Construction of Training Image Sets for Real/bogus Object Classification
with Artificial Intelligence

Gregory S.H. Paek(백승학), Myungshin Im(임명신), Seo-won Chang(장서원)[SNU], Seong-Heon
Lee(이성현), Dongjin Lee(이동진), Jae-Hun Jung(정재훈)[POSTECH], IMSNG team1.2

11:15~11:30 구 AT-04

CNN-TDA Net: Enhancing Convolutional Neural Networks for Classification of Transient
and Bogus Using Topological Data Analysis

Seong-Heon Lee(이성현), Dongjin Lee(이동진), Jae-Hun Jung(정재훈)[POSTECH]

11:30~11:45 구 AT-05

Photometric Calibration and Source Catalog Construction of KMTNet Synoptic Survey of
Southern Sky (KS4)

Mankeun Jeong(정만근), Myunshin Im(임명신)[SNU], Joonho Kim(김준호)[SNU/DNSM],
Seo-Won Chang(장서원), Sunho Jung(정선호), Suhyun Shin(신수현)[SNU]

11:45~12:00 구 AT-06

Performance analysis of Automatic Observing Software for Wide-field Imagin

Tae-Geun Ji(지태근)[KHU], Sungyong Hwang(황성용)[SNU], Hye-In Lee(이혜인)[KASI],
Changsu Choi(최창수), Myungshin Im(임명신)[SNU], Soojong Pak(박수종)[KHU]

12:00~13:30

점심시간

Astronomy & Space Science Technologies

좌장 : Chan Park(박찬)[KASI]

13:30~13:45 구 AT-07

First Spectra from a GPU Spectrometer for the ALMA Total Power Array

Jongsoo Kim(김종수)[KASI]

제3발표장 세째날 : 04월 15일 (금)

Astronomy & Space Science Technologies

좌장 : Chan Park(박찬)[KASI]

13:45~14:00 구 AT-08

SDSS-V LVM-I Observation Control Software: SCP, ECP and NPS

Mingyeong Yang(양민경), Changgon Kim(김창곤)[KHU], José Sánchez-Gallego[University of Washington], Florian Briegel[Max Planck Institut], Felipe Besser⁴, Pavan Bilgi[Max Planck Institut], Hojae Ahn(안호재), Tae-Geun Ji(지태근)[KHU], Nicholas P. Konidakis, Guillermo A. Blanc[Carnegie Institution for Science], Taeun Kim(김태은), Mingyu Jeon(전민규)[KHU], Hyun Chul Park[Konkuk University], Hye-In Lee[KASI], Erika Cook[Texas A&M University], Cynthia S. Froning, Solange Ramirez[Carnegie Institution for Science], Niv Drory[University of Texas], Juna A. Kollmeier[Carnegie Institution for Science], Soojong Pak(박수종)[KHU]

14:00~14:15 구 AT-09

Development of siderostat control system for SDSS-V Local Volume Mapper

Hojae Ahn(안호재)[KHU], Florian Briegel[Max Planck Institute], Mingyu Jeon(전민규)[KHU], Tom Herbst[Max Planck Institute], Sumin Lee(이수민), Inhwan Jung(정인환), Changgon Kim(김창곤), Jimin Han(한지민)[KHU], Geon Hee Kim(김근희)[Hanbat University], Wolfgang Gaessler, Markus Kuhlberg[Max Planck Institute], Tae-Geun Ji(지태근)[KHU], Hyun Chul Park(박현철)[Konkuk University], Soojong Pak(박수종)[KHU], Nicholas P. Konidakis[Carnegie Institution for Science], Niv Drory[University of Texas], José Sanchez-Gallego[University of Washington], Dmitry Bizyaev[Apache Point Observatory], Cynthia S. Froning[University of Texas], Solange Ramirez, Juna A. Kollmeier[Carnegie Institution for Science]

14:15~14:30 구 AT-10

7-Dimensional Sky Survey

Myungshin Im(임명신)[SNU]

15:00~15:20

메타스페이스 - 우수포스터상 시상 및 폐회

포스터 발표

고에너지/이론천문학(Galaxy Evolution/Cosmology)

- PHT-01
The novel signal detection for gravitational waves via auto-regressive approach
Sangin Kim(김상인), C. Y. Hui, Kwangmin Oh(오광민)[CNU]
- PHT-02
Development of a fully explicit, energy conservative, electromagnetic hybrid simulation code
Sunjung Kim(김선정), Dongsu Ryu(류동수)[UNIST]
- PHT-03
A deep analysis of the compact binaries in globular cluster
Kwangmin Oh(오광민)[CNU]

고천문학/천문역법(Galaxy Evolution/Cosmology)

- PHA-01
Statistical Analysis for Astronomical records of Hyeonjong-Donggung-Ilgi
Uhn Mee Bahk(박은미)[CBNU/KASI], Byeong-Hee Mihn(민병희)[KASI/UST],
Ki-Won Lee(이기원)[Daegu Catholic University], Sang Hyuk Kim(김상혁)[KASI],
Jaeyeon Hyun(현재연)[KASI/UST], Yonggi Kim(김용기)[CBNU]

교육홍보(Galaxy Evolution/Cosmology)

- PAE-01
2022 Daegu National Science Museum Observatory Status
Joonho Kim(김준호), Hyeonwoo Moon(문현우), Yeejeong Lee(이이정)[DNSM]
- PAE-02
Research using a remote observation for the Radio Telescope of Gwacheon National Science Museum
Jaeil Cho(조재일)[GNSM], Bong Won Shon(손봉원)[KASI], Tae Hyun Kim(김태현),
Hyo Ri Jeon(전효리), Jae Seong Noh(노재승), Ye Som Jung(정예솜),
Chae Rin Kim(김채린)[CBNU], Jung Si Woo(정시우), Son Young Jin(손영진)[KHU],
Youngpyo Hong(홍영표)[Yonsei University], Haerang Park(박해랑), Sungmin Lim(임성민),
Yuna Hahn(한윤아)[Ewoo High School], Taehyun Jung(정태현)[KASI],
Jung-Hoon Kim(김정훈)[SET SYSTEM]
- PAE-03
Telescope Relay System Design for the Disabled
Daeyoung Park(박대영)[GNSM]

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

- PIM-01
Methanol Ice Absorption toward Red Point-like Objects in the Central Molecular Zone
Dayoung Pyo(표다영), Deokkeun An(안덕근)[Ewha Womans University],
Kris Sellgren[Ohio State University], Solange V. Ramirez[Carnegie observatory]
- PIM-02
YSO Variabilities in Various Timescales
Sieun Lee(이시은), Jeong-Eun Lee(이정은)[KHU], Carlos Contreras Peña[SNU],
Gregory Herczeg[Peking University],
Doug Johnstone[Herzberg Astronomy/University of Victoria]

포스터 발표

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

PIM-03

Gemini High-resolution Infrared Spectroscopy of Red Point-like Objects in the Central Molecular Zone

Jiwon Han(한지원), Deokkeun An(안덕근)[Ewha Womans University],
Kris Sellgren[Ohio State University], Solange V. Ramirez[Carnegie observatory],
A. C. Adwin Boogert[University of Hawaii]

PIM-04

The CO outflow ejected by a recent accretion burst in B335

Chul-Hwan Kim(김철환), Jeong-Eun Lee(이정은)[KHU], Carlos Contreras Pena[SNU],
Doug Johnstone[Herzberg Astronomy and Astrophysics Centre/University of Victoria],
Gregory J. Herezeg[Peeking University]

PIM-05

The JCMT BISTRO Survey: an 850/450 μ m polarization study of NGC 2071IR in Orion B

A-Ran Lyo(여아란)[UST], Jongsoo Kim(김종수)[KASI/UST], Sarah Sadavoy[Queen's University],
Doug Johnstone[Herzberg Astronomy and Astrophysics/University of Victoria],
David Berry[East Asian Observatory], the BISTRO team

외부은하/은하단(Galaxy Evolution/Cosmology)

PGC-01

HI superprofile analysis of nearby galaxies

Minsu Kim(김민수), Se-Heon Oh(오세현)[Sejong University]

PGC-02

Correlations of the multiwavelength emission in the blazar CTA 102 during 2016-2018

Sang-Hyun Kim(김상현), Sang-Sung Lee(이상성)[KASI/UST]

PGC-03

Velocity dispersions of globular cluster systems in ultra-diffuse galaxies in the Virgo cluster.

Sungsoon Lim(임성순)[Yonsei University], Elisa Toloba[University of Pacific],
Eric Peng[Peeking University], NGVS team

PGC-04

Double Synchrotron Self Absorption Spectrum of the Blazar 3C454.3 and Its Magnetic Field Strength

Hyeon-woo Jeong(정현우), Sang-Sung Lee(이상성)[KASI/UST]

PGC-05

A Hyperwide Study of the Intracluster Globular Cluster Population in Hydra

Brian S. Cho (조브라이언), Myung Gyoon Lee(이명균)[SNU],
In Sung Jang(장인성)[University of Chicago]

PGC-06

Construction of GALEX UV catalog of low redshift galaxies

Jeeun Hwang(황지은), Myungshin Im(임명신), Gregory S.H. Paek(백승학)[SNU], IMSNG team

PGC-07

Star Formation Histories of nearby Dwarf Spheroidal and Dwarf Elliptical Galaxies

Mira Seo(서미라), Hong Bae Ann(안홍배)[PNU]

PGC-08

A systematic study of ionized gas-radio emission connection in active galactic nuclei

Ashraf Ayubinia[SNU/University of Science and Technology of China],
Jong-Hak Woo(우종학)[SNU]

PGC-09

Star-formation of Galaxies in an Ancient Megalopolis

Seong-Kook Lee(이성국), Myungshin Im(임명신), Insu Paek(백인수)[SNU],
Minhee Hyun(현민희)[KASI], Yongjung Kim(김용정)[KNU], Jae-Woo Kim(김재우)[KASI]

포스터 발표

우주론(Cosmology)

- PCD-01
Clustering of Critical Points in Massive Neutrino Cosmologies
Jeongin Moon(문정인), Graziano Rossi, Hogyun Yu(유호균)[Sejong University]
- PCD-02
Comparing Cosmological Information from Deep Learning and Higher Order Statistics
Seyeon Hwang(황세연), Sumi Kim(김수미), Cristiano G. Sabiu,
Inkyu C. Park(박인규)[University of Seoul]
- PCD-03
Head-on Collision of Fuzzy/Cold Dark Matter Halos
Hyeonmo Koo(구현모), Dongsu Bak(박동수), Sangnam Park(박상남)[University of Seoul]

천문우주관측기술(Astrophysical Techniques)

- PAT-01
Development of Mirror Manufacturing with 3D Printing Method
Young-Soo Kim(김영수), Yunjong Kim(김윤종), Jihun Kim(김지훈), Seonghwan Choi(최성환),
Jeong-Yeol Han(한정렬)[KASI]
- PAT-02
Formation Flying SNIPE Mission Data
Jaemin Lee(이재진)[KASI], SNIPE Team
- PAT-03
Design for new structure of IGRINS-2 control software as a facility instrument of the Gemini observatory.
Hye-In Lee(이혜인)[KASI], Francisco Ramos, Hwihyun Kim(김휘현)Gemini Observatory],
Heeyoung Oh(오희영), Jae-Joon Lee(이재준), Chan Park(박찬)[KASI],
Pablo Prado, Ignacio Arriagada[Gemini Observatory], Ueejeong Jeong(정위정),
Moo-Young Chun(천무영)[KASI], Young Sam Yu(유영삼)[Gemini Observatory],
Sunggho Lee(이성호), In-Soo Yuk(육인수)[KASI]
- PAT-04
Status and Plan of KMTNet Operation
Chung-Uk Lee(이충욱), Dong-Joo Lee(이동주), Yongseok Lee(이용석),
Hyunwoo Kang(강현우), Dong-Jin Kim(김동진), Sang-Mok Cha(차상목),
Seung-Lee Kim(김승리), Eon-Chang Sung(성연창), Seung-Cheol Bang(방승철),
Sungwook E. Hong(홍성욱), Jae-Woo Kim(김재우)[KASI]

천문화학/천문생물학(Astrophysical Techniques)

- PAB-01
Complex organic molecules detected in twelve high-mass star-forming regions with Atacama Large Millimeter/submillimeter Array (ALMA)
Giseon Baek(백기선), Jeong-Eun Lee(이정은)[KHU], Tomoya Hirota[SOKENDAI],
Kee-Tae Kim(김기태)[KASI], KaVA Star-Formation Science Working Group

포스터 발표

태양/태양계(Galaxy Evolution/Cosmology)

- PSS-01
Development of a diagnostic coronagraph on the ISS: CODEX progress report
Yeon-Han Kim(김연한), Seonghwan Choi(최성환), Su-Chan Bong(봉수찬)[KASI],
Kyungsuk Cho(조경석)[KASI/UST], Jeffrey Newmark[NASA], Nat.
- PSS-02
Effect of collisional thermalization process in a steady-state solar wind model
Hwanhee Lee(이환희), Jungjoon Seough(서정준)[KASI], Bo Li[Shandong University],
Yeon-Han Kim(김연한), Kyung-Suk Cho(조경석)[KASI]
- PSS-03
A New Method for Quantitatively Classifying Solar Active Regions
Yeon Woo Jang(장연우), Sibaek Yi(이시백), Tetsuya Magara[KHU]
- PSS-04
CODEX Data Processing
Su-Chan Bong(봉수찬), Jae-Ok Lee(이재옥), Ji-Hye Baek(백지혜), Jongyeob Park(박종엽)[KASI],
L. Reginald, Jeffrey S. Newmark[NASA]
- PSS-05
The light field camera ray-tracing simulation for CLPS/GrainCams
Minabe Kim(김민배), Minsup Jeong(정민섭), Young-Jun Choi(최영준)[KASI],
Sungsoo S. Kim(김성수)[KHU]

항성, 항성계/외계행성

- PSA-01
NIR high spectral resolution observations of AG Car
Jae-Joon Lee(이재준), Hyun-Jeong Kim(김현정)[KASI]
- PSA-02
Very early light curve of Type Ia Supernova SN 2021aefx
Hyeonho Choi(최현호), Myungshin Im(임명신), Gu Lim(임구), Gregory S.H. Paek(백승학),
Sophia Kim(김소피아), Mankeun Jeong(정만근)[SNU], Changsu Choi(최창수)[SNU/KASI],
Seo-Won Chang(장서원)[SNU], IMSNG Team