

Day 1 (Friday, Sep. 30)

第一天 (9月30日, 星期五)

Venue/地點：NCCU/國立中正大學

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| 14:00 – 15:00 | Registration 註冊報到 | | |
| 15:00 – 15:15 | Opening remarks 大會開幕致詞 Chair: Shiang-Yu Wang 王祥宇 Welcome remark by President Zhang-Hua Fong (NCCU) 歡迎詞：國立中正大學 馮展華校長 (NCCU Auditorium / 禮堂國際會議廳) | | |
| 15:15 – 17:00 | Scientific oral session S1 科學論文宣讀 S1 Chair: Yi-Nan Chin 秦一男 Galaxy/Extragalactic (NCCU Auditorium / 禮堂國際會議廳) | | |
| S1.1 15:15 – 15:30 | The DESI Milky Way Survey: Overview and Early Data | Andrew Cooper | NTHU |
| S1.2 15:30 – 15:45 | The origin of fast radio bursts implied from the cosmic stellar-mass density evolution | Tetsuya Hashimoto | NCHU |
| S1.3 15:45 – 15:55 | The velocity structure of molecular gas in the host galaxy of non-repeating FRB 180924 | Tzu-Yin Hsu | NTHU NCHU |
| S1.4 15:55 – 16:05 | Beef up! Galaxy growth at its fastest speed in high-redshift Hyper Luminous Infrared Galaxies | Cheng-Lin Liao | NTU |
| S1.5 16:05 – 16:15 | Color gradients of low-redshift galaxies in the DESI Legacy Imaging Survey | Li-Wen Liao | NTHU |
| S1.6 16:15 – 16:30 | Exploring Fast Radio Bursts in the upcoming FRB era with BURSTT | Hsiu-Hsien Lin | ASIAA |
| S1.7 16:30 – 16:40 | Polycyclic aromatic hydrocarbon (PAH) luminous galaxies in the JWST ERO data | Yu-Wei Lin | NTHU |
| S1.8 16:40 – 16:50 | Galaxy source counts at 7.7 μm, 10 μm and 15 μm with the James Webb Space Telescope | Chih-Teng Ling | NTHU |
| S1.9 16:50 – 17:00 | A stellar photometry method for u-band calibration | Atharva Patil | NCU |
| 17:00 – 17:30 | Break and poster session P1 休息，壁報欣賞 P1 | | |
| 17:30 – 19:15 | Scientific oral session S2 科學論文宣讀 S2 Chair: Hsiang-Kuang Chang 張祥光 Galaxy /Extragalactic/High Energy (NCCU Auditorium / 禮堂國際會議廳) | | |
| S2.1 17:30 – 17:40 | Large Sample Studies of Blazars Spectral Indices | Po-Chih Hsu | NCU |
| S2.2 17:40 – 17:55 | Modelling the observed number counts of the JWST/MIRI sources | Seong Jin Kim | NTHU |
| S2.3 17:55 – 18:10 | Testing the Collisionless Nature of Dark Matter with the Radial Acceleration Relation in Galaxy Clusters | Sut-Ieng Tam | ASIAA |
| S2.4 18:10 – 18:25 | Radial Acceleration Relation in MaNGA Brightest Cluster Galaxies | Yong Tian | NCU |
| S2.5 18:25 – 18:35 | Multi-wavelength observations of the most luminous hyperluminous X-ray source | Yi-Chi Chang | NTHU |
| S2.6 18:35 – 18:45 | The Gamma-ray Transients Monitor on board Formosat-8B | Che-Yen Chu | NTHU |

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| S2.7 18:45 – 18:55 | Evolution of AGN jets with different cosmic-ray composition | Yen-Hsing Lin | NTHU |
| S2.8 18:55 – 19:05 | Multi-messenger studies of the ultra-compact millisecond pulsar binaries | Sinan Long | NTHU |
| S2.9 19:05 – 19:15 | Modeling Supernova Explosions of Massive Stars and Predicting their Observational Signature | Kai-An You | NTHU |
| 19:15 – 20:15 | Poster session P2 壁報欣賞 P2 | | |
| 19:15 – 21:00 | National Observatory Discussion NCCU Auditorium / 禮堂國際會議廳 | | |

| Day 2 (Saturday, Oct. 1) | | 第二天（10月1日，星期六） | |
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| Venue/地點：NCCU/國立中正大學 | | | |
| Scientific oral session S3 科學論文宣讀 S3 | | | |
| Chair: Sheng-Yuan Liu 呂聖元 | | | |
| Stars/Star Clusters/Star Formation/Facility/Solar System | | | |
| (NCCU Auditorium / 禮堂國際會議廳) | | | |
| S3.1 08:30 – 08:40 | Distance Measurement to M33 Using Mira. | JiaYu Ou | NCU |
| S3.2 08:40 – 08:55 | Early Planet Formation in Embedded Disks (eDisk): First-look results | Nagayoshi Ohashi | ASIAA |
| S3.3 08:55 – 09:10 | Turbulence modes and star formation efficiency in the Milky Way | Raffaele Rani | NTNU |
| S3.4 09:10 – 09:25 | First Results from the Early Planet Formation in Embedded Disks (eDisk) Survey: a Marginal Substructure in an Embedded Disk around Ced110 IRS 4 | Jinshi Sai | ASIAA |
| S3.5 09:25 – 09:35 | The W Band Survey: Searching for Water-bearing Young Brown Dwarfs in the Rho Oph Molecular Cloud Complex | Tanvi Sharma | NCU |
| S3.6 09:35 – 09:50 | Formation of the SDC13 Hub-Filament System: A Cloud-Cloud Collision Imprinted on The Multiscale Magnetic Field | Jia-Wei Wang | ASIAA |
| S3.7 09:50 – 10:05 | Formation of binary and its effects on planet formation | Daniel Harsono | NTHU |
| S3.8 10:05 – 10:20 | Searching for Active Asteroid from the SUBARU Hyper Suprime-Cam Image Archives | Yu-Chi Cheng | NTNU |
| S3.9 10:20 – 10:35 | Evidence for the disruption of a planetary system during the formation of the Helix Nebula | Jonathan Marshall | ASIAA |
| 10:35 – 11:15 | Break, group photo and poster session P3 休息，與會來賓團體照及壁報欣賞 P3 | | |
| 11:15 – 12:15 | Plenary talk (I) 大會講演 (I) (科硏類) Chair: Shiang-Yu Wang 王祥宇 <i>WR Nebulae, 40 Years After</i> Distinguished Research Fellow You-Hua Chu (ASIAA) 朱有花特聘研究員 (中研院天文所) (NCCU Auditorium / 禮堂國際會議廳) | | |
| 13:00 – 15:00 | National Observatory Discussion 研討室 1/Discussion Room 1 | | |

Day 3 (Sunday, Oct. 2)

第三天 (10月2日, 星期日)

Venue/地點：NCCU/國立中正大學

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| 08:30 – 09:30 | Plenary talk (II) 大會講演(II) (科普類) Chair: Shiang-Yu Wang 王祥宇 <i>The Art and Science in Astrophotography</i> Dr. Wei-Hao Wang (ASIAA) 王為豪研究員 (中研院天文所) (NCCU Auditorium / 禮堂國際會議廳) | | |
| 09:30 – 10:35 | ASROC Awards Presentation Ceremony 頒獎典禮暨會員大會 Chair: Shiang-Yu Wang 王祥宇 (NCCU Auditorium / 禮堂國際會議廳) | | |
| 09:30 – 09:35 | Presentation of the 6 th <i>Heaven Quest Award</i> 頒發天文學會第六屆「天問獎」 | | |
| 09:35 – 09:40 | Presentation of the You-Hua Chu asteroid plate 致贈「朱有花小行星」銘牌 | | |
| 09:40 – 09:50 | <i>Heaven Quest Award</i> acceptance speech 「天問獎」得獎致辭 Distinguished Research Fellow You-Hua Chu (ASIAA) 朱有花特聘研究員 (中研院天文所) | | |
| 09:50 – 10:35 | General Assembly and presentation awards, poster awards & oral presentations 會員大會及頒發最佳口頭論文獎，最佳壁報論文獎及得獎論文口頭報告 | | |
| 10:35 – 10:50 | Break 休息 | | |
| 10:50 – 13:05 | Scientific oral session S4 科學論文宣讀 S4 | Education & Public Outreach session E1 天文教育及業餘天文活動報告 E1 | |
| 10:50 – 13:05 | Scientific oral session S5 科學論文宣讀 S5 Chair: Albert Kong 江國興 Cosmology/High Energy (NCCU Auditorium / 禮堂國際會議廳) | | |
| S4.1 10:50 – 11:05 | Tomographer: De-projecting Extragalactic Sky Surveys | Yi-Kuan Chiang | ASIAA |
| S4.2 11:05 – 11:20 | Cosmological Constraints from Galaxy Clusters and Groups in the eROSITA Final Equatorial Depth Survey | I-Non Chiu | NCKU |
| S4.3 11:20 – 11:35 | Introduction to the Dark Energy Spectroscopic Instrument Survey | Ting-Wen Lan | NTU |
| S4.4 11:35 – 11:50 | Searching for astrophysical neutrino sources | Yu-Ling Chang | NTU |
| S4.5 11:50 – 12:05 | Uncloaking hidden repeating fast radio bursts with unsupervised machine learning | Bo Han Chen | NTHU |
| S4.6 12:05 – 12:20 | Particle-in-Cell simulations of axisymmetric black hole magnetospheres | Kouichi Hirotani | ASIAA |
| S4.7 12:20 – 12:35 | A KiloHertz Gravitational Wave Feature from the low T/ W Instability in Rapidly Rotating Core-Collapse Supernovae | He-Feng Hsieh | NCTS |
| S4.8 12:35 – 12:50 | The Stacked Hilbert-Huang Transform Algorithm and Its Applications to the Gravitational-Wave Signals: From Coalescence to Supernova | Chin-Ping Hu | NCUE |

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| S4.9 12:50 – 13:05 | Analytic Modeling of Synchrotron-Self-Compton Spectra: Application to GRB 190114C | Shotaro Yamasaki | NCHU |
| 10:50 – 12:20 | Education & Public Outreach session E1 天文教育及業餘天文活動報告 E1 Chair: Mei-Yin Chou 周美吟 EPO (禮堂國際會議廳 — 研討室 1) | | |
| E1.1 10:50 – 11:05 | 科學博物館線上探索營隊初探 | Rui-Ching Chao | TAM |
| E1.2 11:05 – 11:20 | 3D astronomy: understanding the Universe in 3D | Tomo Goto | NTHU |
| E1.3 11:20 – 11:35 | 新冠疫情下社區大學天文課程與高中天文社團教學的衝擊與啓發 | Ching-Chuan Hung | 台北市文山與士林社區大學 |
| E1.4 11:35 – 11:50 | 鄒族達邦國小山野教育中的星空 | Kang-Shian Pan | NCU |
| E1.5 11:50 – 12:05 | 公民科學的新嘗試？與大眾在黑客松協作貢獻基於開放資料的互動式天文教材 | Yi-Hao Su | Astrohackers in Taiwan |
| E1.6 12:05 – 12:20 | 以台語進行天文教育 | An-Li Tsai | NCU |
| 13:05 ~ | Departure 賦歸 | | |