Time	Mon(8/19)	Tue(8/20)	Wed(8/21)	Thurs(8/22)	Fri(8/23)
8:45	**Opening**	**PL : 30 minutes**	**KN, ECR : 20 minutes**		
	Collisions **Chair :** Duck-Hee Kwon	**Precision measurement** **Chair :** Yunheung Song	**Quantum information** **Chair :** Jee Woo Park	**Strong field** **Chair :** Yoshiaki Kumagai	**Spectroscopy** **Chair :** Hyun-Gue Hong
9:00	Igor Bray (PL)	Shuiming Hu (PL)	Ite A. Yu (PL)	Eiji Takahashi (PL)	Jer-Lai Kuo (PL)
9:35	Lokesh Tribedi (PL)	Julian Berengut (KN)	Yung-Fu Chen (KN)	Kyung Taec Kim (KN)	Sunil Kumar (KN)
9:55		Chun-Chia Chen (ECR)	Seji Kang (ECR)	Lanhai He (KN)	Enliang Wang (KN)
10:10	Susumu Kuma (KN)				
10:15		Atsushi Yamaguchi (KN)	Feng Zhou (ECR)	Kaoru Yamazaki (ECR)	Naoki Kimura (ECR)
10:30	Break				
10:35		Break	Break (Photo)	Break	Break
	Strong field/Structure **Chair :** Lanhai He	**Structure** **Chair :** Liang-Yan Hsu	**Spectroscopy** **Chair :** Jer-Lai Kuo	**Strong field** **Chair :** Kyung Taec Kim	**Quantum information** **Chair :** Minhyuk Kim
10:50	Chuncheng Wang (PL)				
10:55		Satoshi Maeda (PL)	Tim Schmidt (PL)	Dong Eon Kim (PL)	Kyungwon An (PL)
11:25	Yoshiaki Kumagai (KN)				
11:30		Amir Karton (KN)	Kenta Mizuse (KN)	Toru Morishita (KN)	Chiao-Hsuan Wang (ECR)
11:45	Chun-Fu Chang (ECR)				
11:50		Xiang Gao (KN)	Yu-Jung Chen (KN)	Hiroka Hasegawa (ECR)	Jee Woo Park (ECR)
12:05	Liang-Yan Hsu (KN)				
12:10		Lunch	Pei-Ling Luo (ECR)	Aparna Shastri (KN)	Ending
12:25	Lunch				
12:30			Lunch	Lunch (IAC meeting)	
	Ultracold quantum gas **Chair :** Eunmi Chae	**Precision measurement** **Chair :** Atsushi Yamaguchi		**Quantum information** **Chair :** Yung-Fu Chen	
14:00		Bingsheng Tu (ECR)	**Excursion Tour**	Hsiang-Hua Jen (KN)	
14:20		Pei -Chen Kuan (ECR)		Minhyuk Kim (ECR)	
14:30	Shanshan Ding (ECR)				
14:40		Ryoichi Saito (ECR)		Jiehang Zhang (ECR)	
14:50	Daw-Wei Wang (KN)				
15:00		Jun Jiang (KN)		Break	
15:10	Yong-il Shin (KN)			**Collisions** **Chair :** Amir Karton	
15:20	Jae-yoon Choi (KN)	Ngoc-Loan Phan (KN)		Shaofeng Zhang (KN)	
15:30					
15:40		Break		Yuuki Onitsuka (Masahiko Takahashi) (ECR)	
16:00		**Lab. Tour**		G. Purohit (ECR)	
16:20				**Poster**	
18:00				**Banquet**	

19. August (Monday)

8:45		**Opening**	
		Collisions	Chiar : Duck-Hee Kwon
9:00 (Mon 1)	[plenary]	Igor Bray (Curtin University)	Calculation of atomic and molecular collisions
9:35 (Mon 2)	[plenary]	Lokesh Tribedi (TIFR)	A brief overview of HCI collisions with molecules and applications
10:10 (Mon 3)	[keynote]	Susumu Kuma (RIKEN)	Ionization process of cold molecules in superfluid helium nanodroplets
10:30		Break	
		Strong Field/Structure	Chair : Lanhai He
10:50 (Mon 4)	[plenary]	Chuncheng Wang (Jilin University)	Ultrafast nonadiabatic excited state dynamics in the liquid/gas phase
11:25 (Mon 5)	[keynote]	Yoshiaki Kumagai (Nara Women's University)	Ion momentum imaging with extreme ultraviolet laser pulses
11:45 (Mon 6)	[early career]	Chun-Fu Chang (National Yang-Ming Chiao-Tung University)	Ultrafast carrier dynamics of Perovskite-based functional materials
12:05 (Mon 7)	[keynote]	Liang-Yan Hsu (Academia Sinica)	Cavity-free quantum electrodynamic chemistry
12:25		Lunch	
		Ultracold Quantum Gas	Chair : Eunmi Chae
14:30 (Mon 8)	[early career]	Shanshan Ding (Sichuan University)	Mediated interaction between impurities in Bose-Einstein condensates
14:50 (Mon 9)	[keynote]	Daw-Wei Wang (National Tsing Hua University)	Robust Identification of phase transitions and their properties without a priori theories through self-supervised learning
15:10 (Mon 10)	[keynote]	Yong-il Shin (Seoul National University)	Universal Kibble-Zurek scaling in an atomic Fermi superfluid
15:30 (Mon 11)	[keynote]	Jae-yoon Choi (Korea Advanced Institute of Science and Technology)	Far from equilibrium dynamics and quantum Kelvin-Helmholtz instability in strongly ferromagnetic spinor condensates

20. August (Tuesday)

		Precision Measurement	Chair : Yunheung Song
9:00 (Tue 1)	[plenary]	Shui-Ming Hu (University of Science and Technology of China)	Laser spectroscopy of two-electron systems with 10-digit precision
9:35 (Tue 2)	[keynote]	Julian Berengut (University of New South Wales, Sydney)	Precision determination of isotope shifts in Ytterbium and implications for new physics
9:55 (Tue 3)	[early career]	Chun-Chia Chen (IAMS)	Narrow-line mediated Sisyphus cooling for enhanced performance in quantum sensors
10:15 (Tue 4)	[keynote]	Atsushi Yamaguchi (RIKEN)	Laser spectroscopy of triply charged thorium-229 isomer for a nuclear clock
10:35		Break	
		Structure	Chair : Liang-Yan Hsu
10:55 (Tue 5)	[plenary]	Satoshi Maeda (Hokkaido University)	First principle reactivity exploration using artificial forces

11:30 (Tue 6)	[keynote]	Amir Karton (University of New England)	Benchmark accuracy in thermochemistry, kinetics, and noncovalent Interactions
11:50 (Tue 7)	[keynote]	Xiang Gao (Institute of Applied Physics and Computational Mathematics, Beijing)	Unexpectedly large electron correlation induced effects in highly charged ion systems
12:10		Lunch	
		Precision Measurement	Chair : Atsushi Yamaguchi
14:00 (Tue 8)	[early career]	Bingsheng Tu (Fudan University)	Precision measurement of highly charged ions in Penning-trap experiments
14:20 (Tue 9)	[early career]	Pei-Chen Kuan (National Cheng Kung University)	Multiphoton hyperfine Raman transitions based-multidimensional matter-wave beam splitters
14:40 (Tue 10)	[early career]	Ryoichi Saito (Tokyo Institute of Technology)	Rotation sensing using a multiply-orbiting-ion interferometer
15:00 (Tue 11)	[keynote]	Jun Jiang (Northwest Normal University)	Calculations and applications of atomic polarizabilities
15:20 (Tue 12)	[keynote]	Ngoc-Loan Phan (Ho Chi Minh City University of Education)	Multielectron effects in high harmonic generation: from frequency shift to odd-even intensity modulation
15:40		Break	
16:00		**Lab. Tour**	

21. August (Wednesday)

		Quantum Information	Chair : Jee Woo Park
9:00 (Wed 1)	[plenary]	Ite Yu (National Tsing Hua University)	Narrow-linewidth and high-spectral-brightness biphotons generated from hot atomic vapor
9:35 (Wed 2)	[keynote]	Yung-Fu Chen (National Central University)	Trapping light via electromagnetically induced transparency in a superconducting circuit
9:55 (Wed 3)	[early career]	Seji Kang (Korea Research Institute of Standards and Science)	Atom interferometry inertial sensing based on a cold atomic source
10:15		Break (Photo)	
		Spectroscopy	Chair : Jer-Lai Kuo
10:55 (Wed 4)	[plenary]	Timothy Schmidt (University of New South Wales, Sydney)	Intermediates in singlet fission and triplet fusion
11:30 (Wed 5)	[keynote]	Kenta Mizuse (Kitasato University)	Molecular movie spectroscopy of van der Waals clusters : High-resolution spectra and image-based assignments
11:50 (Wed 6)	[keynote]	Yu-Jung Chen (National Central University)	Spectrally resolved energy transfer length in photodesorption of astrophysical Ice
12:10 (Wed 7)	[early career]	Pei-Ling Luo (Academia Sinica)	Absolute line strength measurements of transient free radicals with high-resolution time-resolved dual-comb spectroscopy
12:30		Lunch	
14:00		**Excursion Tour**	

22. August (Thursday)

		Strong Field	Chair : Yoshiaki Kumagai
9:00 (Thu 1)	[plenary]	Eiji Takahashi (RIKEN)	Development of a TW-class single-cycle laser and its applications to attosecond science
9:35 (Thu 2)	[keynote]	Kyung Taec Kim (Gwangju Institute of Science and Technology)	Ultrahigh fidelity measurement of laser field using atomic tunneling ionization
9:55 (Thu 3)	[keynote]	Lanhai He (Jilin University)	Attosecond time delay in photoionization studied via strong-field multiphoton transition interferometry
10:15 (Thu 4)	[early career]	Kaoru Yamazaki (RIKEN)	Realtime observation of light-induced dynamics in polyatomic molecules by ultrafast soft x-ray spectroscopy
10:35		Break	
		Strong Field	Chair : Kyung Taec Kim
10:55 (Thu 5)	[plenary]	Dong Eon Kim (POSTECH)	Attosecond science and technology in atomic and molecular systems
11:30 (Thu 6)	[keynote]	Toru Morishita (University of Electro-Communications)	Vortex electron generation by intense laser irradiation and its applications
11:50 (Thu 7)	[early career]	Hiroka Hasegawa (University of Electro-Communications)	Orientation dependent tunneling ionization and dissociation of methane in two-color asymmetric intense laser fields
12:10	[keynote]	Aparna Shastri (Bhabha Atomic Research Center)	Photoabsorption, photoionization and photodissociation studies of molecules using synchrotron radiation
12:30		Lunch (IAC meeting)	
		Quantum Information	Chair : Yung-Fu Chen
14:00 (Thu 8)	[keynote]	Hsiang-Hua Jen (IAMS, AS)	Scalable graph states generations in an atom-nanophotonic interface
14:20 (Thu 9)	[early career]	Minhyuk Kim (Korea University)	Toward quantum simulations with Rydberg atoms
14:40 (Thu 10)	[early career]	Jiehang Zhang (University of Science and Technology of China)	Quantum information processing with highly-connected ion qubits
15:00		Break	
		Collisions	Chair : Amir Karton
15:20 (Thu 11)	[keynote]	Shaofeng Zhang (Institute of Modern Physics, CAS)	First measurement of fully differential cross section for ionization of helium by swift iron ions at the cooling storage ring experiment (CSRe)
15:40 (Thu 12)	[early career]	Yuuki Onitsuka, Masahiko Takahashi (Tohoku University)	Molecular science using electron impact spectroscopy
16:00 (Thu 13)	[keynote]	Ghanashyam Purohit (Mohanlal Sukhadia University)	Study of electron induced processes on high Z atoms and ions relevant to plasma applications
16:20		**Poster**	
18:00		**Banquet**	

23. August (Friday)

		Spectroscopy	Chair : Hyun-Gue Hong
9:00 (Fri 1)	[plenary]	Jer-Lai Kuo (IAMS, AS)	Theoretical approaches to connect potential energy surfaces with vibrational spectroscopy

9:35 (Fri 2)	[keynote]	Enliang Wang (University of Science and Technology of China)	Formation dynamics of H_3^+ from small molecules
9:55 (Fri 3)	[early career]	Naoki Kimura (Tokyo University of Science)	Time-resolved plasma-assisted laser spectroscopy of highly charged ions
10:15 (Fri 4)	[keynote]	Sunil Kumar (IISER Tirupati)	A streamlined approach to measure the absolute photostability of molecular ions
10:35		Break	
		Quantum Information	Chair : Minhyuk Kim
10:55 (Fri 5)	[plenary]	Kyungwon An (Seoul National University)	Recent progresses in single-atom superradiance
11:30 (Fri 6)	[early career]	Chiao-Hsuan Wang (National Taiwan University)	Quantum reservoir engineering through light-matter interactions
11:50 (Fri 7)	[early career]	Jee Woo Park (POSTECH)	Quantum simulation and computing with ultracold polar molecules
12:10		Ending	