

18th INTERNATIONAL SYMPOSIUM ON NATURAL SCIENCES

2026. 10. 15.-16.

온라인/오프라인 병행개최

QR 코드 및 홈페이지를 통한 사전등록 (<http://ribs.inu.ac.kr>)

사전등록일정 2026. 9. 15. ~ 10. 10.

관 련 문 의 032-835-8208

Symposium



기조강연

z. Vivian Feng Princeton University

수학과 Mathematics

Tetsu Mizumachi

Hiroshima University

Runzhang Xu

Harbin Engineering University

Gwanghyun Jo

Hanyang University

Ting Luo

Zhejiang Normal University

물리학과 Physics

Dong-Keun Ki

The University of Hong Kong

Youngwook Kim

DGIST

Jong Mok Ok

Pusan National University

Junyoung Kwon

Hanyang University

해양학과 Marine Science

Jihwan Kim

Collecte Localisation Satellites(CLS)

Suyun Noh

KIOST

Jae-Hyoung Park

Pukyong National University

Hye-Jin Woo

Korea Polar Research Institute

화학과 Chemistry

Sung O Park

Hanyang University

Do Hyung Kang

Sungkyunkwan University

Jutaek Nam

Collage of Pharmacy
Chonnam National University

Hong Ki Kim

Soon Chun Hyang University

Charles Diesendruck

Israel Institute of Technology

생명과학 Life Sciences

Hyeonwi Son

Collage of Medicine,
Hallym University

Chitoku Toda

Kumamoto University

포스터발표 Poster Session)

포스터제출기간

2026년 9월 15일 ~ 10월 10일

포스터제출방법

사전등록 페이지 내 제출

제출파일형식 / 원고크기

Pdf만 접수 가능 원고사이즈
(A1, 594*841mm)

인천대학교 재학생 여러분의
많은 참여바랍니다.

주최 :  인천대학교 기초과학연구소

주관 :  인천대학교 자연과학대학

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Oct. 15, 2026 (Thu.)

개회식	10:00~10:10	Opening Address	Jang-Kyun Kim Incheon National University	2호관 305호
	10:10~10:30	Congratulatory Remarks from the President of Incheon National University	In-Jae Lee Incheon National University	
기초강연	10:30~11:30	Teaching Beyond the Silos: Designing Interdisciplinary STEM Curriculum	z. Vivian Feng Princeton University	2호관 305호
수학과	13:00~14:00	Transverse spectral stability of Y-soliton for the KP-II equation	Tetsu Mizumachi Hiroshima University	Zoom ID : 84740985792 P/W : 370907
	14:15~15:15	Stability of damped wave equations	Runzhang Xu Harbin Engineering University	
	15:30~16:30	Axis-Augmented PINNs for Solving PDEs with Discontinuous Solutions	Gwanghyun Jo Hanyang University	
	16:45~17:45	On a two-dimensional shallow water approximation to the simplified Green-Naghdi type equations	Ting Luo Zhejiang Normal University	
물리 학과	13:30~14:30	Tailoring quantum transport properties of graphene	Dong-Keun Ki The University of Hong Kong	5호관 335호
	14:30~15:30	Interlayer coupling and correlated phases in van der Waals heterostructures	YOUNGWOOK Kim DGIST	
	15:30~16:30	Reaching the Intrinsic Phonon-Limited Mobility in β -Ga ₂ O ₃ through Defect-Suppressed Growth	Jong Mok Ok Pusan National University	
	16:30~17:30	Materials Innovation for Monolithic 3D Integration	Junyoung Kwon Hanyang University	
해양 학과	13:00~14:00	From Ocean Data to Fisheries Insights: Understanding Tuna Catch Variability with RFMOs and the SEAPODYM Model	Jihwan Kim Collecte Localisation Satellites(CLS)	5호관 201호
	14:00~15:00	Multi-platform Ocean Observations for Air-Sea Interaction Studies in the Northwest Pacific and Indian Oceans	Suyun Noh KIOST	
	15:00~16:00	Listening to the Ocean: Observations from Moorings	Jae-Hyoung Park Pukyong National University	
	16:00~17:00	Applications of Satellite Remote Sensing in Physical Oceanography	Hye-Jin Woo Korea Polar Research Institute	
화학 과	13:00~14:00	Understanding and Harnessing Oxygen Redox Chemistry in Battery Materials	Sung O Park Hanyang University	Zoom ID : 631 625 9232 P/W : 387907
	14:00~15:00	Ultrafast Electron Dynamics: A New Frontier Beyond Structural Dynamics	Do Hyung Kang Sungkyunkwan University	
	15:00~16:00	Biomaterial-based engineering strategies for STING agonists in cancer immunotherapy	Jutaek Nam College of Pharmacy Chonnam National University	5호관 506호
	16:00~17:00	Multiscale Chemical Design and Strategies in Nanoarchitectonics	Hong Ki Kim Soon Chun Hyang University	
	17:00~18:00	Addressing Electrochemical Device Challenges with a Chemical Approach	Charles Diesendruck Israel Institute of Technology	
생명 과학	14:00~15:00	Neural Mechanisms of Psychological Stress-Induced Hyperglycemia: A Novel Role for the Cerebellar Fastigial Nucleus	Chitoku Toda Kumamoto University	41호관 108호
	15:00~16:00	Peripheral sensory mechanisms of interoception: meningeal threat sensing and vagal pain modulation	Hyeonwi Son College of Medicine, Hallym University	

Oct. 16, 2026 (Fri.)

포스터 발표	12:00~18:00	대학원생 포스터 발표	물리학과	5호관 B동 1층
			화학과	5호관 A동 1층
			해양학과	
			생명과학부	41호관 1층