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36th Anniversary Celebration Thai-French Innovation Institute

SEMINAR PROGRAMME

22–26 June 2026 at KMUTNB



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Information



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MORNING SESSION at Bencharat Hall, KMUTNB

Time	Programme	Speaker
08:00 – 09:30	Registration & Welcome Reception	
09:30 – 10:30	Opening Ceremony — Bencharat Hall Welcome Speech by KMUTNB Chairman	Prof. Teravuti Boonyasopon
	Opening Speech by Ambassador of France to Thailand Congratulatory Speech by Deputy Permanent Secretary for Higher Education, Science, Research and Innovation	H.E. Mr. Jean-Claude Pimboeuf Dr. Punpermsak Aruni
	Photo Session on Stage	

Time	Programme	Venue
10:30 – 11:00	Exhibition Booth Tour	1 st floor, Multi-Purpose Building, KMUTNB

INVITED SPEAKERS SESSION 1 | 10:30 – 11:30 at Bencharat Hall, KMUTNB (20 min for each speaker)

Time	Speaker	Topic
10:30 – 10:50	Prof. Somrerk CHANDRA-AMBHORN Vice President for Research, KMUTNB	Thai-French Corrosion Research towards Global Partners: A Journey from Carbon to Stainless Steels
10:50 – 11:10	Johan DUVAUT Schneider Electric	Schneider Electric Mega Trends and Building of the Future
11:10 – 11:30	Prof. Noureddine TAKORABET Université de Lorraine, France	Academic and Research Collaboration Between Université de Lorraine and Thai-French Innovation Institute: Past Achievements and Future Perspectives

Time	Programme	Location
12:00 – 13:30	Lunch Break	Ratchapruek reception room

INVITED SPEAKERS SESSION 2 | 13:30 – 15:10 at Bencharat Hall, KMUTNB (20 min for each speaker)

Time	Speaker	Topic
13:30 – 13:50	Prof. Guy CHICHIGNOUD Université Grenoble Alpes, France	Key Technical Challenges for Industrial and Sustainable Recycling of c-Si PV Modules
13:50 – 14:10	Prof. Hao CHEN Tsinghua University, China	Chemical Boundary Engineering Towards Advanced High Strength Steels
14:10 – 14:30	Prof. Laurence LATU-ROMAIN Université Grenoble Alpes, France	Towards an Increased Durability of Alloys: Concepts and Technical Approaches
14:30 – 14:50	Prof. To Thi Xuan HANG Vietnamese Academy for Science and Technology, Vietnam	Curcumin-modified graphene oxide: A dual-functional additive for high-performance anti-corrosive and antibacterial polyurethane coatings.
14:50 – 15:10	Prof. Valerie Parry Grenoble Alpes University (UGA)	Mechanics–Oxidation Coupling in Crofer 22 APU Interconnects for Durable Solid Oxide Fuel Cells

PANEL DISCUSSION | 15:30 – 17:00 at Bencharat Hall, KMUTNB

Panel Discussion: “Future Trends in Electrified Transportation and Low-Carbon Energy Systems”

Role	Name & Affiliation	Contribution
Panelist 1	Prof. Babak Nahid-Mobarakeh McMaster University, Canada	
Panelist 2	Prof. Eshan Jamshidpour Université de Lorraine, France	
Panelist 3	Prof. Phatiphat Thounthong KMUTNB	
Panelist 4	Prof. Surin Khomfoi KMUTNB	
Panelist 5	Dr. Kun-Che Ho, National Formosa University, Taiwan	
Moderator	Dr. Burin YODWONG KMUTNB	



OFFICIAL PROGRAMME
36th Anniversary of the
Thai-French Innovation Institute (TFII)
23 June 2026 | King Mongkut's University of Technology
North Bangkok



36TH ANNIVERSARY CELEBRATION DINNER | 18:00 – 20:00
at Bencharat Hall, KMUTNB

Programme Item	Details
Welcome Video	Cultural performance and highlights
Welcome Speech	Asst.Prof.Pornsak Srisungsitthisunti, Director of Thai-French Innovation Institute
Congratulations Speech	Dr. Ludovic Andres, Science and Higher Education Attaché French Embassy in Thailand
Thai-French Cultural Performance	Highlight performance of the evening
Sponsor Awards	Award presentation for Platinum, Gold, Silver Sponsors
Congratulations Speech	Special Guest, Sponsors, Alumni - Mr.Alessandro Menocci, Chief Executive Officer, Danieli Co.,Ltd.
Music	Networking Session

Seminars | 22-26 June 2026

Thai-French Innovation Institute Building (TFII Building), KMUTNB

TFII Room 408	22-26 June 2026	
Time	Topic	Speakers
9.00-12.00	การฝึกอบรมยกระดับฝีมือแรงงานอุตสาหกรรม หลักสูตรช่างควบคุมด้วย Programmable Logic Controller (PLC) ระดับ1	Mr.Suwat Sikkabut Mr.Jamikorn Tiwan Ms.Woranuch Anusan

TFII Room 704	24 June 2026	
Time	Topic	Speakers
9.00-12.00	การอบรมเชิงปฏิบัติการเบื้องต้นด้านระบบการป้องกันการกัดกร่อนแบบแคโทดิก (Introductory Cathodic Corrosion Protection Systems Workshop)	Mr Asokan P. Pillai
12.00-13.00	Lunch	
13.00-16.00	แนวทางการลดการปล่อยก๊าซคาร์บอนไดออกไซด์ในกระบวนการผลิตปูนซีเมนต์ด้วยเทคโนโลยี Carbon Capture, Utilization and Storage (CCUS) เพื่อรองรับเป้าหมาย Net Zero และอุตสาหกรรมสีเขียวในอนาคต	ศ. ดร.จันทพร ผลากรกุล , ภาควิชาวิศวกรรมเคมี คณะวิศวกรรมศาสตร์, มจพ ดร.นันทิชา กาละปัติย์ , Associate Director, New SCMs and CCUS Technology บริษัท เอสซีจี ซีเมนต์ จำกัด คุณธนภุต จันทรา , Researcher, New SCMs and CCUS Technology บริษัท เอสซีจี ซีเมนต์ จำกัด

TFII Room 702	24 June 2026	
Time	Topic	Speakers
13.00-16.00	“การประยุกต์ใช้ระบบ Cathodic Protection และการทดสอบคอนกรีตแอโนดสำหรับโครงสร้างคอนกรีตเสริมเหล็กในงานอุตสาหกรรม” (Application of Cathodic Protection Systems and Testing of Concrete Anodes for Reinforced Concrete Structures in Industrial Applications)	Dr. Noparat Kanjanaprayut

TFII Room 602		24 June 2026	
Time	Topic	Speakers	
13.00-16.00	ก๊าซเรือนกระจกในการเชื่อม (Greenhouse Gas in Welding)	รองศาสตราจารย์นิพนธ์ ศิริศักดิ์	
TFII Room 303		24 June 2026	
Time	Topic	Speakers	
9.00-12.00	Current Sensorless Control for PMSM	Assoc.Prof.Dr. Ehsan Jamshidpour	
12.00-13.00	Lunch		
13.00-16.00	Model-Free and Observer-Based Control for Power Electronics and Motor Drives	Prof.Dr. Babak Nahid-Mobarakeh	

TFII Room 704		25 June 2026	
Time	Topic	Speakers	
9.00-12.00	การอบรมเชิงปฏิบัติการด้านการทดสอบการกัดกร่อนด้วยเทคนิคไฟฟ้าเคมี” Hands-on Workshop on Electrochemical Corrosion Testing	Dr. Noparat Kanjanaprayut	
12.00-13.00	Lunch		
13.00-16.00	การประยุกต์ใช้เทคโนโลยี 4.0 เพื่อเพิ่มผลิตภาพและประสิทธิภาพในกระบวนการผลิต (Application of Industry 4.0 Technologies to Enhance Productivity and Efficiency in Manufacturing Processes)	Asst.Prof.Dr. Peeteenut Treewong	

TFII Room 602		25 June 2026	
Time	Topic	Speakers	
9.00-12.00	แนวคิดการบริหารงานแบบลีนในยุคดิจิทัล: ขับเคลื่อนองค์กรสู่ความเป็นเลิศและความยั่งยืน (Lean Management in the Digital Era: Driving Organization Excellence and Sustainability)	Assoc.Prof.Dr. Chedthawut Poompipatpong	
12.00-13.00	Lunch		

TFII Room 303	25 June 2026	
Time	Topic	Speakers
9.00-12.00	TFII 36th Anniversary & Senior MathVichai Research Symposium on Sustainable Energy and Advanced Control	Dr. Burin Yodwong
12.00-13.00	Lunch	

TFII Room 704	26 June 2026	
Time	Topic	Speakers
9.00-12.00	การบริหารงานซ่อมบำรุงอากาศยานเพื่อรักษามูลค่าและมาตรฐานการบิน (Aircraft maintenance management for asset value preservation and aviation standards)	ดร.บดินทร์ แก้วบ้านดอน
12.00-13.00	Lunch	
13.00-16.00	From Engineer to Entrepreneur: Engineering Your Path to Business Leadership (จากวิศวกร...สู่ผู้ประกอบการ: ออกแบบเส้นทางสู่ผู้นำธุรกิจ)	คุณชนพล หวานสนิท

TFII Room 602	26 June 2026	
Time	Topic	Speakers
9.00-12.00		

TFII Room 303	26 June 2026	
Time	Topic	Speakers
9.00-12.00	TFII 36th Anniversary & Senior MathVichai Research Symposium on Sustainable Energy and Advanced Control	Dr. Burin Yodwong
12.00-13.00	Lunch	



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Technology North Bangkok



STRI 3rd floor Room (30 Participants)		26 June 2026	
Time	Topic	Speakers	
9.00-12.00	อบรมเชิงปฏิบัติการด้านการเขียนโปรแกรมควบคุมหุ่นยนต์โคบอลท (Collaborative Robot Programming) Reinforcement Workshop on Collaborative Robot Programming	คุณนรวิษณุ วิสิสิทธิ์ คุณผจญกิจ วันเสาร์	



Campus France Tour 2026 at KMUTNB

36th Anniversary of the
Thai-French Innovation Institute (TFII)
24 June 2026 | King Mongkut's University of Technology
North Bangkok



Seminars | 24 June 2026

Venue: Cloud 9 Room, 9th Floor, STRI Building, KMUTNB

Time	Programme	Speaker
09:30 – 09:40	Opening Speech	Dr. Ludovic Andres , Science and Higher Education Attaché, French Embassy in Thailand
09:40 – 10:30	Campus France Presentation: Information Session and Admission Guide for Higher Education Studies in France	
10:30 – 12:00	Screening of the French Scientific Documentary <i>La Glace et le Ciel (Ice and the Sky)</i> (2015), with English subtitles (85 min)	



Synopsis

The documentary movie tells the story of French glaciologist Claude Lorius, who found his life's calling at age 23 on a scientific expedition to the Antarctic and became one of the first scientists to call attention to anthropogenic climate change. It is an epic tale, in which science and adventure meet. The film assembles decades of dramatic archival footage of the early days of scientific exploration in sub-zero temperatures in the polar regions, including Lorius's pioneering work to develop an ice corer that would eventually extract ice cores thousands of meters below the frozen surface to look hundreds of thousands of years back into the history of the climate. One of Lorius's most significant discoveries—made when he placed some ancient ice in celebratory glasses of whiskey—was that the ice contained air from the era in which it was formed.

CAMPUS FRANCE TOUR 2026

AT **KMUTNB**

 **24 JUNE 2026**

 **9:30 AM – 12:00 PM**

 **VENUE: CLOUD9 ROOM,
9TH FLOOR, STRI BUILDING, KMUTNB**

PROGRAM



9:30 – 9:40

OPENING SPEECH

by Dr. Ludovic Andres,
Science and Higher Education Attaché,
French Embassy in Thailand



9:40 – 10:30

CAMPUS FRANCE PRESENTATION:

Information Session and Admission
Guide for Higher Education
Studies in France



10:30 – 12:00

SCREENING OF THE FRENCH SCIENTIFIC DOCUMENTARY

LA GLACE ET LE CIEL

(ICE AND THE SKY) (2015)
with English subtitles (85 min)



“A HEAD ON CHALLENGE
TO CLIMATE CHANGE DENIERS
...A POWERFUL TESTAMENT”

THE GUARDIAN

“STUNNING...A FASCINATING TALE
ABOUT HUMAN ADVERSITY”

JORDAN FARLEY, TOTAL FILM

“INCREDIBLY BEAUTIFUL”

THE UPCOMING

ICE AND THE SKY

*One man's adventure would
reveal Earth's greatest crisis.*



STUDY IN FRANCE
SHAPE YOUR FUTURE



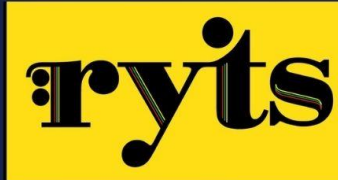


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