SEAMS School 2026 — Programme Schedule

Ho Chi Minh City University of Science, VNU-HCM | 4 – 11 September 2026

Week 1

Time	Friday (Sep 4)	Saturday (Sep 5)	Sunday (Sep 6)
9:00	**Opening & Welcome**	**Course 1 — T. Lê** *Infectious Disease Inference*	**Excursion**
Break **10:30**			
11:00	**Course 1 — T. Lê** *Infectious Disease Inference*	**Course 2 — T. Myers** *Moving Boundary Problems*	
Lunch **12:30**			
14:00	**Course 2 — T. Myers** *Moving Boundary Problems*	**Course 3 — J. Correia** *Hyperbolic Conservation Laws*	
Break **15:30**			
16:00	**Course 3 — J. Correia** *Hyperbolic Conservation Laws*	**Mini Projects**	
17:30	**Mini Projects Presentation**		
End **18:30**			

Week 2

Time	Monday (Sep 7)	Tuesday (Sep 8)	Wednesday (Sep 9)	Thursday (Sep 10)	Friday (Sep 11)
9:00	**Course 1 — T. Lê** *Infectious Disease Inference*	**Course 4 — M. Pires** *Newtonian & Non-Newtonian Flow*	**Course 4 — M. Pires** *Newtonian & Non-Newtonian Flow*	**Course 4 — M. Pires** *Newtonian & Non-Newtonian Flow*	**Mini Projects Restitution**
Break 10:30					
11:00	**Course 2 — T. Myers** *Moving Boundary Problems*	**Course 5 — Y. Mammeri** *Waterborne Disease Modelling*	**Course 5 — Y. Mammeri** *Waterborne Disease Modelling*	**Course 5 — Y. Mammeri** *Waterborne Disease Modelling*	**Mini Projects Restitution**
Lunch 12:30					
14:00	**Course 3 — J. Correia** *Hyperbolic Conservation Laws*	**Course 6 — M. Asch** *Physics-Augmented ML*	**Course 6 — M. Asch** *Physics-Augmented ML*	**Course 6 — M. Asch** *Physics-Augmented ML*	**Mini Projects Restitution**
Break 15:30					
16:00	**Mini Projects**		**Round table**	**Mini Projects**	**Closing**
17:30	**Talk 1**	**Talk 2**			
End 18:30					

Courses

Course	Lecturer	Course title
Course 1	**Thi Minh Thao Lê**	Modeling and Data-Driven Inference in Infectious Disease
Course 2	**Timothy G. Myers**	Practical Applications of Moving Boundary Problems
Course 3	**Joaquim M. C. Correia**	Modelling with Hyperbolic Systems of Conservation Laws
Course 4	**Marília C. V. O. Pires**	Numerical Simulation in Python of Newtonian and Non-Newtonian Laminar Flow in Pipes
Course 5	**Youcef Mammeri**	Modeling Waterborne Diseases: Mathematical Formulation and Numerical Implementation
Course 6	**Mark Asch**	Physics-Augmented Machine Learning for Industrial Applications