

TIMETABLE

SUMMER SCHOOL

August 1 (Tuesday)

Place: 13th floor Hall, 15-storey building, Quy Nhon University

	Lecturers	Title
9:00 - 10:00	Mathieu Lewin (CNRS & Université Paris-Dauphine)	Statistical mechanics of Coulomb and Riesz gases (I)
10:00 - 10:30	Break	
10:30 - 11:30	Mathieu Lewin (CNRS & Université Paris-Dauphine)	Statistical mechanics of Coulomb and Riesz gases (II)
12:00-14:00	Lunch and break	
14:00 - 15:00	Nguyen Viet Dang (Sorbonne Université)	Some aspects of stochastic quantization (I)
15:00 - 15:30	Break	
15:30 - 16:30	Nguyen Viet Dang (Sorbonne Université)	Some aspects of stochastic quantization (II)

August 2 (Wednesday)

Place: 13th floor Hall, 15-storey building, Quy Nhon University

	Lecturers	Title
8:00 - 9:00	John R. L. Anderson (Stanford University)	Nonlinear Waves in fluids and general relativity (I)
9:00 - 9:30	Break	
9:30 - 11:30	John R. L. Anderson (Stanford University)	Nonlinear Waves in fluids and general relativity (II & III)
12:00-14:00	Lunch and break	
14:00 - 15:00	Mathieu Lewin (CNRS & Université Paris-Dauphine)	Statistical mechanics of Coulomb and Riesz gases (III)
15:00 - 15:30	Break	

	Lecturers	Title
15:30 - 16:30	Mathieu Lewin (CNRS & Université Paris-Dauphine)	Statistical mechanics of Coulomb and Riesz gases (IV)

August 3 (Thursday)

Place: B Hall, Quy Nhon University

	Lecturers	Title
	Freetime (For participants)/Field Trip (For Speakers/Lecturers)	
12:00-14:00	Lunch and break	
14:00 - 15:30	Luc Nguyen (University of Oxford)	Analysis of topological defects in nematic liquid crystals (I)
15:30 - 16:00	Break	
16:00 - 18:00	Sergiu Klainerman (Princeton University)	Is Mathematics unreasonably effective? Why? (Public Lecture)

August 4 (Friday)

Place: 13th floor Hall, 15-storey building, Quy Nhon University

	Lecturers	Title
8:00 - 9:00	John R. L. Anderson (Stanford University)	Nonlinear Waves in fluids and general relativity (IV)
9:00 - 9:30	Break	
9:30 - 11:30	Nguyen Viet Dang (Sorbonne Université)	Some aspects of stochastic quantization (III & IV)
12:00-14:00	Lunch and break	
	Lecturers	Title
14:00 - 15:00	Luc Nguyen (University of Oxford)	Analysis of topological defects in nematic liquid crystals (II)
15:00 - 15:30	Break	

15:30 - 16:30	Luc Nguyen (University of Oxford)	Analysis of topological defects in nematic liquid crystals (III)
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TIMETABLE

WORKSHOP

August 5 (Saturday)

Place: International Centre for Interdisciplinary Science and Education (ICISE)

	Lecturers	Title
9:00 - 9:45	Maria Alejandra Ramirez Luna (University of California, Santa Cruz)	Stable submanifolds in the product of projective spaces
9:45 - 10:15	Break	
10:15 - 11:00	Konstantin Merz (Osaka University)	Random Schrödinger operators with complex decaying potentials
11:00 - 11:15	Break	
11:15 - 12:00	Trinh T. Nguyen (University of Wisconsin-Madison)	Asymptotics of Helmholtz-Kirchhoff Point-Vortices in the Phase Space
12:00-14:00	Lunch and break	
14:00 - 14:45	Minh-Phuong Tran (Ton Duc Thang University)	Fractional maximal distributions (FMDs) and application to regularity theory
14:45 - 15:15	Break	
15:15 - 16:00	Dinh-Thi Nguyen (Uppsala University)	1D focusing Bose gases with two- and (critical) attractive three-body interactions
16:00 - 16:15	Break	
16:15 - 17:00	Quoc Anh Ngo (Vietnam National University, Hanoi)	A new point of view on the Einstein constraint equations with arbitrary mean curvature