

Tentative Schedule of Talks on Monday June 20, 2005

Event	Time	Details			
Registration	08:30-09:30	Place: Student Center, Level -1, Next to Koç bank			
Plenary Session 1 (Sevgi Gönül Auditorium)	09:30-09:45	Attila Aşkar (President of Koç University): Opening Speech			
	09:50-10:30	M. Znojil	Klein Gordon bag model with the simulated creation/annihilation of quarks		
	10:35-11:15	C. Bender	Ghost Busting: Making Sense of Non-Hermitian Hamiltonians		
Coffee Break	11:20-11:40				
Plenary Session 2 (Sevgi Gönül Auditorium)	11:40-12:20	A. Bohm	From complex energy to time asymmetry for quantum systems		
	12:25-12:55	B. Mainland	Relativistic, bound-state solutions with conjugate pairs of complex coupling constants		
Lunch Break	13:00-14:30				
Plenary Session 3 (Sevgi Gönül Auditorium)	14:30-15:00	E. Caliceti	On the spectra of a class of PT-symmetric quantum non linear oscillators		
	15:05-15:35	A. Mondragon	Local topology and universal unfolding of the energy surfaces at a crossing of unbound states		
	15:40-16:10	M. V. Ioffe	SUSY-intertwining relations for 2-dimensional non-hermitian models without separation of variables		
Coffee Break	16:15-16:40				
Parallel Sessions	16:40-18:50	Session A (Room: SOS B21)	Session B (Room SOS: B08)	Session C (Room SOS: B07)	Session D (Room SOS: B10)
Parallel Talks	16:40-17:10	U. Guenther	H. Baumgaertel	M. Timoumi	S. Muslih
	17:15-17:45	A. Sokolov	M. Courbage	D. Krejcirik	G. Munteanu
	17:50-18:20	E. Demiralp	Y. Strauss	N. Saad	M.-A. Dariescu
	18:25-18:45	H. Bila	A. Shabani	V. Raganelli	R. Koç

Tentative Schedule of Talks on Tuesday June 21, 2005

Event	Time	Details			
Plenary Session 1 (Sevgi Gönül Auditorium)	09:00-09:40	D. Heiss	Global properties of exceptional points in some many body models		
	09:45-10:15	A. Seyranian	Coupling of eigenvalues of complex matrices at diabolic and exceptional points		
	10:20-10:50	I. Antoniou	Irreversible non-Hermitian extensions of Quantum Mechanics		
Coffee Break	10:55-11:15				
Plenary Session 2 (Sevgi Gönül Auditorium)	11:15-11:55	Z. Ahmed	Phase-space trajectories and quantization in PT -symmetric quantum mechanics		
	12:00-12:40	N. Moiseyev	Time-dependent observables in non-Hermitian Quantum Mechanics		
Lunch Break	12:45-14:00				
Plenary Session 3 (Sevgi Gönül Auditorium)	14:00-14:30	S. Wickramasekara	Generators of certain representations of the causal Poincaré semigroup		
	14:35-15:05	C. Quesne	Supersymmetry in PT -symmetric square wells		
	15:10-15:40	F. Kleefeld	On (non-Hermitian) Lagrangians in (particle) physics and their dynamical generation		
Coffee Break	15:45-16:10				
Parallel Sessions	16:10-18:20	Session A (Room: SOS B21)	Session B (Room: SOS B08)	Session C (Room: SOS B07)	Session D (Room: SOS B10)
Parallel Talks	16:10-16:40	S.-M. Fei	R. De la Madrid	A. Mailybaev	B. Gönül
	16:45-17:15	G. Scolarici	E. Hernandez	O. Kirillov	C. Dariescu
	17:20-17:50	S. Weigert	V. Cappellini	A. Nanayakkara	M. Lokajicek
	17:55-18:15	Metin Aktaş	S. Komy	H. Eğrifes	H. Göksu
Dinner Break	18:20-20:00				
After Dinner Lecture (Sevgi Gönül Auditorium)	20:00-20:40	H. Atmanspacher	A relation between physical and psychological time arrows		

Tentative Schedule of Talks on Wednesday June 22, 2005

Event	Time	Details	
Plenary Session 1 (Sevgi Gönül Auditorium)	09:00-09:40	A. Khare	New PT-Invariant periodic potentials with a finite number of band gaps
	09:45-10:15	B. Samsonov	Intertwining (Darboux transformation) operators and complex exactly solvable potentials
	10:20-10:50	B. K. Bagchi	Deformed algebras, position-dependent effective masses and Berry phase
Coffee Break	10:55-11:15		
Plenary Session 2 (Sevgi Gönül Auditorium)	11:15-11:55	L. Ferreira	Bound states and resonances in mesoscopic systems
	12:00-12:40	H. Geyer	The Richardson Hamiltonian in the strong coupling limit: new results from an application of the non-unitary Dyson mapping
Lunch Break	12:45-14:00		
Plenary Session 3 (Sevgi Gönül Auditorium)	14:00-14:30	I. Rotter	Avoided level crossings and singular points
	14:35-15:05	H. Jones	On pseudo-Hermitian Hamiltonians and their Hermitian counterparts
	15:10-15:40	A. Mostafazadeh	Pseudo-Hermiticity and the physical content of PT -symmetric Quantum Mechanics
Coffee Break	15:45-16:00		
Parallel Sessions	16:00-16:50	Session A (Room: SOS B21)	Session B (Room: SOS B08)
Parallel Talks	1600-16:20	F. Zamani	G. Nikoghosyan
	16:25-16:45	V. Jacobsky	A. de Souza Dutra
Boat Trip	16:55-20:30		