## IPS Newsletter 30 March - 6 April, 2014

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	OIII, 2017	Title	Date, Time, Place	
	Bar Ilan University			
	Biophysics Seminar			
1	אלדד קפטן המחלקה לפיסיקה, אוניברסיטת בר אילן	Interpreting biological random walks - the peculiar case of chromatin dynamics	Tuesday, 01 Apr, 2014 - 10:00 Physics Department (Building 202), room 301	
	Colloquium			
2	Prof. Itamar Procaccia Dept. of Chemical Physics, Weizmann Institute	Statistical Physics of Pure Barkhausen Noise	Monday, 31 Mar, 2014 - 10:30 Physics Department (Building 202), room 301	
	Condensed Matter Seminar			
3	Omer Sinwani Bar-Ilan	From Superparamagnetism to Macroscopic Quantum Tunneling with Individual Nanostructures of SrRuO3	Thursday, 03 Apr, 2014 - 12:30 Resnick Building 209, room 210	
	Optics Seminar			
4	Yoav Linzon	Electro-optically based liquid mass sensor using resonating micro-plate under harsh drop and spray conditions; efficient parametric excitations of SOI microbeams excited by fringing fields	Wednesday, 02 Apr, 2014 - 12:00 9th floor of the nanotechnology building	
	Tel Aviv University			
	Biological and Soft Matter Seminar			
1	Amnon Buxboim HUJI	How Deeply Cells Feel: Nucleus-To-Cytoskeleon Regulation by Matrix- Induced Tension and Phosphorylation	Wednesday, 02 Apr, 2014 - 11:00 - 12:30 Shenkar-Physics 222	
	Colloquium			
2	Dr. Ishay Pomerantz University of Texas at Austin	High Intensity Lasers and the Dawn of Ultrafast Nuclear Science	Sunday, 30 Mar, 2014 - 16:00 Melamed Lecture Hall	
3	Professor Nissan Itzhaki TAU	Aspects of Quantum black holes	Sunday, 06 Apr, 2014 - 16:00	

Condensed-Matter Physics Seminar  4 Dr. Ofer Firstenberg Harvard Duantum nonlinear optics with Rydberg polaritons Shenkar 204  5 Nimrod Bachar TAU Nanoscale Granular Aluminum: Enhanced superconductivity in the presence of strong spin scattering Scattering Scattering Scattering Confronting PDG mesons TAU Shenkar 204  1 Dorin Weissman TAU Rotating strings Confronting PDG mesons TAU The Hebrew University of Jerusalem  Astrophysics Seminar  1 Prof. Marc Kamionkowski Department of Physics and Astronomy, Johns Hopkins University  High Energy Astrophysics Seminar  2 Dr. Doron Kushnir Institute for Advanced Study Study Prof. David Tong University of Gambridge Nada Prof. 2014 - 10:30 - 11:30 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  4 Dr. Nadav Drukker King's College, London Nonlinear Physics Seminar  5 Dr. Ishay Pomerantz The University of Texas and the Dawn of Ultrafast Nuclear The University of Texas Prof. 2014 - 12:00 - 13:30 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  6 Prof. Avraham Gal Prof Salatid Nuclean Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  6 Prof. Avraham Gal Prof Salatid Nuclean Tuesday, 02 Apr, 2014 - 12:00 - 13:30 Danciger B Building, Seminar room Conference Hall at Nave-Shalom (Wahat al-Salam)			Title	Date, Time, Place Melamed Lecture Hall	
Barvard   Optics with Rydberg   16:00 - 17:15   Shenkar 204		Condensed-Matter Physics Seminar			
Aluminum: Enhanced superconductivity in the presence of strong spin scattering  Particle Physics Seminar  6 Dorin Weissman TAU Rotting Strings confronting PDG mesons  The Hebrew University of Jerusalem  Astrophysics Seminar  1 Prof. Marc Kamionkowski Department of Physics and Astronomy, Johns Hopkins University  High Energy Astrophysics Seminar  2 Dr. Doron Kushnir Institute for Advanced Study  Joint High Energy Physics Seminar  3 Prof. David Tong University of Cambridge  4 Dr. Nadav Drukker King's College, London  Nonlinear Physics Seminar  5 Dr. Ishay Pomerantz The University of Texas  Wuclear Physics Seminar  Astrophysics Seminar  1 Pan' (At the Institute's Website)  Tuesday, 01 Apr, 2014 - 10:30 - 11:30 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  Nonlinear Physics Seminar  Wuclear Physics Seminar  6 Prof. Avraham Gal "Plon-assisted Nucleon-  Tuesday, 01 Apr, 2014 - 20:41 - 12:00 - 13:00 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nuclear Physics Seminar	4		optics with Rydberg	16:00 - 17:15	
Thursday, 03 Apr, 2014	5		Aluminum: Enhanced superconductivity in the presence of strong spin	- 13:10 - 14:10	
TAU confronting PDG mesons - 10:10 - 11:10 Holcblat hall  The Hebrew University of Jerusalem  Astrophysics Seminar  1 Prof. Marc Kamionkowski Department of Physics and Astronomy, Johns Hopkins University  High Energy Astrophysics Seminar  2 Dr. Doron Kushnir Institute for Advanced Study  3 Prof. David Tong University of Cambridge  Whole To Cambridge  4 Dr. Nadav Drukker King's College, London  Wonlinear Physics Seminar  5 Dr. Ishay Pomerantz The University of Texas  Wonlinear Physics Seminar  5 Dr. Ishay Pomerantz The University of Texas  Wholear Physics Seminar  Wednesday, 01 Apr, 2014 - 10:30 - 11:30 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  Wednesday, 02 Apr, 2014 - 12:00 - 13:00 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  Nonlinear Physics Seminar  Wednesday, 02 Apr, 2014 - 12:00 - 13:30 The University of Texas  Wednesday, 02 Apr, 2014 - 12:00 - 13:30 The University of Texas  Nuclear Physics Seminar  Prof. Avraham Gal "Pion-assisted Nucleon Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday, 01 Apr, 2014 - 12:00 - 13:30 The University of Texas Tuesday Only Apr,		Pa	article Physics Semir	nar	
Prof. Marc Kamionkowski Department of Physics and Astronomy, Johns Hopkins University   Prof. Marc Kamionkowski Department of Physics and Astronomy, Johns Hopkins University   Prof. David Tong University of Cambridge   Prof. Avraham Gal   Prof. Avr	6			- 10:10 - 11:10	
1 Prof. Marc Kamionkowski Department of Physics and Astronomy, Johns Hopkins University  High Energy Astrophysics Seminar  2 Dr. Doron Kushnir Institute for Advanced Study  Joint High Energy Physics Seminar  3 Prof. David Tong University of Cambridge  University of Cambridge  4 Dr. Nadav Drukker King's College, London  Nonlinear Physics Seminar  5 Dr. Ishay Pomerantz The University of Texas  Dr. Ishay Pomerantz The University of Texas  Nuclear Physics Seminar  Wednesday, 01 Apr, 2014 - 12:00 - 13:00 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  Wednesday, 02 Apr, 2014 - 12:00 - 13:00 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  Nonlinear Physics Seminar  Nuclear Physics Seminar  Nuclear Physics Seminar  Nuclear Physics Seminar  Tuesday, 01 Apr, 2014 - 12:00 - 13:30 Danciger B Building, Seminar room  Nuclear Physics Seminar		The Hebrew University of Jerusalem			
Surveys   Surveys   12:30 - 13:30     Department of Physics and Astronomy, Johns Hopkins University     High Energy Astrophysics Seminar		Astrophysics Seminar			
2 Dr. Doron Kushnir Institute for Advanced Study "TBA" (At the Institute's website) "Thursday, 03 Apr, 2014 - 14:00 - 15:00 Kaplun Building, Seminar room, 2nd floor  Joint High Energy Physics Seminar  3 Prof. David Tong University of Cambridge "Holography with Large N=4" Tuesday, 01 Apr, 2014 - 10:30 - 11:30 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  4 Dr. Nadav Drukker King's College, London "TBA" (At the Institute's website) Tuesday, 01 Apr, 2014 - 12:00 - 13:00 The White Dove Conference Hall at Nave-Shalom (Wahat al-Salam)  Nonlinear Physics Seminar  5 Dr. Ishay Pomerantz The University of Texas "High Intensity Lasers and the Dawn of Ultrafast Nuclear Science" Wednesday, 02 Apr, 2014 - 12:00 - 13:30 Danciger B Building, Seminar room  Nuclear Physics Seminar  6 Prof. Avraham Gal "Pion-assisted Nucleon- Tuesday, 01 Apr, 2014 -	1	Kamionkowski Department of Physics and Astronomy, Johns		12:30 - 13:30 Kaplun Building, Seminar	
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University of Cambridge  University of Cambridge  N=4"  10:30 - 11:30 The White Dove Conference Hall at Nave- Shalom (Wahat al- Salam)  Tuesday, 01 Apr, 2014 - 12:00 - 13:00 The White Dove Conference Hall at Nave- Shalom (Wahat al- Salam)  Nonlinear Physics Seminar  Dr. Ishay Pomerantz The University of Texas  Wednesday, 02 Apr, 2014 - 12:00 - 13:30 Danciger B Building, Science"  Nuclear Physics Seminar  Nuclear Physics Seminar  Prof. Avraham Gal  Prof. Avraham Gal  "Pion-assisted Nucleon- Tuesday, 01 Apr, 2014 -		Joint High Energy Physics Seminar			
King's College, London website)  12:00 - 13:00 The White Dove Conference Hall at Nave- Shalom (Wahat al- Salam)  Nonlinear Physics Seminar  Dr. Ishay Pomerantz The University of Texas  "High Intensity Lasers and the Dawn of Ultrafast Nuclear Science"  Nuclear Physics Seminar  Nuclear Physics Seminar  6  Prof. Avraham Gal  "Pion-assisted Nucleon- Tuesday, 01 Apr, 2014 -	3			10:30 - 11:30 The White Dove Conference Hall at Nave- Shalom (Wahat al-	
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The University of Texas and the Dawn of Ultrafast Nuclear Science" Seminar room  Nuclear Physics Seminar  6 Prof. Avraham Gal "Pion-assisted Nucleon- Tuesday, 01 Apr, 2014 -		Nonlinear Physics Seminar			
6 Prof. Avraham Gal "Pion-assisted Nucleon- Tuesday, 01 Apr, 2014 -	5		and the Dawn of Ultrafast Nuclear	2014 - 12:00 - 13:30 Danciger B Building,	
		Nuclear Physics Seminar			
Racan institute of Delta and Delta-Delta 14:00 - 15:15	6	Prof. Avraham Gal Racah Institute of	"Pion-assisted Nucleon- Delta and Delta-Delta	Tuesday, 01 Apr, 2014 - 14:00 - 15:15	

		Title	Date, Time, Place	
	Physics, Hebrew University of Jerusalem	dibaryons"	Racah Institute of Physics Moadon room at Pavilion 9	
	Physics Colloquium (Rosenblum Lecture)			
7	Prof. Marc Kamionkowski Department of Physics and Astronomy, Johns Hopkins University	"Inflationary Gravitational Waves: Recent Advances and Next Steps"	Monday, 31 Mar, 2014 - 12:00 - 13:30 Levin building, Lecture Hall No. 8	
	Symposium on Quantum Measurement			
8	Prof. Ferdinand Schmidt- Kaler University of Mainz	"Ion crystals for quantum computing, simulation and non- equilibrium physics"	Sunday, 30 Mar, 2014 - 12:00 - 13:00 Danciger B Building, Seminar room	
9	Prof. Beatrix Heismayer University of Vienna	"What has Bell's theorem to do with the absence of antimatter in our universe?"	Sunday, 30 Mar, 2014 - 13:30 - 14:30 Danciger B Building, Seminar room	
	Weizmann Institute			
	Condensed Matter Seminar			
1	Eytan Grosfeld Ben Gurion University	Majorana fermions in the superconducting qubit architecture	Wednesday, 02 Apr, 2014 - 13:15 - 14:30 Drory Auditorium	

## Newsletter Items: