

<b>TIME</b>	<b>SUNDAY, 18 AUGUST 2024</b>
15:00	REGISTRATION
16:00	
17:00	

**MONDAY, 19 AUGUST 2024**

08:00	REGISTRATION						
09:00	CONFERENCE OPENING						
09:30							
10:00	[200] Quantum Computing: a future perspective for scientific computing	Karl Jansen					
10:30	[48] Hadron-Hadron Interactions from Lattice QCD: Theory meets Experiments	Tetsuo Hatsuda					
11:00	MORNING TEA						
11:30	[213] Experimental review of exotic states discoveries in the last 20 years	Chengping Shen					
12:00	[334] Strong Dynamics: A Treasure Trove for Standard Model Physics and Beyond	Francesco Sannino					
12:30	[217] The QCD phase structure and its signatures from functional approaches	Fabian Rennecke					
13:00	LUNCH						
14:00	<b>90min A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
14:30	A[30min]: Michael Creutz-37	B[30min]: Peter Hurck-171	C[30min]: Bruce Yabsley-313	D[30min]: Ante Bilandic-133	E[30min]: Cynthia Keppel-317	F[30min]: Nicole Bell-276	G[30min]: Zhi-Wei Wang-150
15:00	A[30min]: Erich Poppitz-99	B[30min]: C.-J. David Lin-95	C[30min]: Christopher Thomas-194	D[30min]: Wioleta Rzeza-131	E[30min]: Radia Bouchezal-348	F[30min]: William Demold-31	G[30min]: Matti Jarvinen-165
15:30	A[30min]: Srimoyee Sen-129	B[30min]: Wally Melnitchouk-40	C[30min]: Abhishek Mohapatra-329	D[30min]: Francesca Erolessi-175	E[30min]: Tuhin Roy-306	F[30min]: Pto Jakobus-330	G[30min]: Dipan Sen Gupta-236
16:00	AFTERNOON TEA						
16:00	<b>120min A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>H</b>
16:20	A[20min]: Alexey Tanaashkin-108	B[20min]: Shulei Zhang-35	C[20min]: Tibuki Terashima-268	D[20min]: Adellton Valdes-270	E[20min]: Francis Petriello-31	F[20min]: Kay Pagimawan-263	H[20min]: William Handley-324
16:40	A[20min]: Yui Hayashi-173	B[20min]: Shuai Zhao-46	C[20min]: Boris Blankfelder-300	D[20min]: Su Houng Lee-71	E[20min]: James Zanotti-93	F[20min]: Misak Sarseian-271	H[20min]: Alexander Read-290
17:00	A[20min]: Hiroki Ohata-180	B[20min]: Tomas Husek-192	C[20min]: Katsuyoshi Sone-92	D[20min]: Ardi Krastina-74	E[20min]: Kim Maltman-66	F[20min]: Kyle Leaver-109	H[20min]: Harry Bevis-247
17:30	A[30min]: Georg Bergner-177	B[30min]: Ross Young-237	C[30min]: Makoto Oka-49	D[30min]: Ramona Vogt-83	E[30min]: Xu Feng-349	F[30min]: David Blaschke-296	H[30min]: Mikael Kuusela-124
18:00	A[30min]: Jackson Mickle-230	B[30min]: Bakur Parsamyan-337	C[30min]: Kei Suzuki-123	D[30min]: Anthony Francis-302	E[30min]: Shoji Hashimoto-307	F[30min]: Susan Gardner-316	H[30min]: Francisco Matorras-97
20:00	WELCOME RECEPTION CITY TERRACE (CAIRNS CONVENTION CENTRE)						

TUESDAY, 20 AUGUST 2024

09:00	SESSION C ROUND TABLE XYZ twenty years later: the known and the unknown Chair: Nora Brambilla Panel Members : Makoto Oka - Christopher Thomas - Thomas Mehen - Roberto Mussa - Estia Eichten						
10:00	[343] IPPOG and spin-offs from particle and nuclear physics		Yiota Foka		PARTICLE PHYSICS OUTREACH PROGRAMME		
10:15	[341] Bridging Scientists and Students with Regional School Partnerships		Jackie Bondell		PHYSICS OUTREACH PROGRAM		
10:30	MORNING TEA						
11:00	[320] Parton Distributions from Lattice and Impacts on Global QCD Analysis		Huey-Wen Lin				
11:30	[208] Femtoscopy for exotic hadrons and nuclei		Tetsuo Hyodo				
12:00	[116] Neutron stars and Constraints for the Equation of State of Dense Matter		Veronica Dexheimer				
12:30	CONFERENCE PHOTO						
13:00	LUNCH						
14:00	90min A A[30min] : Derek Leinweber-229	B B[30min] : Jianwei Qiu-327	C C[30min] : Qian Wang-216	E E[30min] : Martin Hoferichter-57	MASTER CLASS	F F[30min] : Ang Li-110	MASTER CLASS
14:30	A[30min] : Luis E. Oxman-78	B[30min] : Zein-Eddine Meziani-98	C[30min] : Francesco Knechtli-190	E[30min] : Evan Rufe-298		F[30min] : Jinna Stone-226	
15:00	A[30min] : Christopher Allton-291	B[30min] : Maltman-67	C[30min] : Hyun-Chul Kim-86	E[30min] : Jens-Christoph Park-325		F[30min] : Paul Lasky-274	
15:30	AFTERNOON TEA						
16:00	90min A A[20min] : Kei Tohme-139	B B[20min] : Curtis Abell-222	C C[20min] : Anthony Francis-146	D D[20min] : Gaurav Mukherjee-286	G G[20min] : Diasuke Fujii-135	F F[20min] : Ciprian Gal-207	MASTER CLASS
16:20	A[20min] : Yamato Suda-136	B[20min] : Preeti Ithall-32	C[20min] : Joshua Lin-257	D[20min] : Yoshimasa Hidaka-155	G[20min] : Domènec Espriu - 184	F[20min] : Janguk Kim-252	
16:40	A[20min] : Akihiro Shibata-182	B[20min] : Long-Bin Chen-79	C[20min] : Oliver Witzel-113	D[20min] : Koichi Hattori-197	G[20min] : Sarkar-188	F[20min] : Harleen Dahiya-273	
17:00	A[30min] : Jeff Greensite-127	B[30min] : Xu Feng -350	C[30min] : Tomasz Korzec-218	D[30min] : Mridha Sarkar-158	G[30min] : Blaschke-295	F[30min] : Masaru Honoo-326	
17:30	AFTERNOON TEA						
18:00	BREAK						
18:30	CONFERENCE SOCIAL EVENT						
19:00	VENUE OPEN - CAIRNS PERFORMING ARTS CENTRE CPAC DOORS OPEN						
19:30	PUBLIC LECTURE by TAMARA DAVIS Cosmic explosions illuminating the invisible						
20:00	INTERMISSION						
20:20	LYRICAL GALA CONCERT SOPRANO KALLIOPi PETROU and PIANIST TOMASSO DORIGO						
21:30							

11:00	M9 ALICE MASTER CLASSES
11:30	BANQUET STYLE
12:00	LUNCH
12:30	M9 ALICE MASTER CLASSES
13:00	AFTERNOON TEA
13:30	ALICE MASTER CLASSES
14:00	QUIZ
14:30	LIVE CONNECTION TO CERN
15:00	QUESTIONS / ANSWERS
15:30	
16:00	
16:30	
16:45	
17:15	
17:30	

11:00	M7 DARK MATTER MASTER CLASSES
11:30	THEATRE STYLE
12:00	LUNCH
12:30	DARK MATTER MASTER CLASSES
13:00	AFTERNOON TEA
13:30	DARK MATTER MASTER CLASSES
14:00	QUESTIONS / ANSWERS
14:30	
15:00	
15:30	
16:00	
16:30	
16:45	
17:15	
17:30	

WEDNESDAY, 21 AUGUST 2024

09:00	[315] Solving the strong CP problem							Alessandro Strumia
09:30	{105} Functional methods for hadron spectroscopy							Gernot Eichmann
10:00	[212] Beta decay as probe of new physics							Andre Walker-Loud
10:30	MORNING TEA							
11:00	[215] Physics Overview of J-PARC							Kazuya Aoki
11:30	{100} Review of muon g-2: lattice, dispersive, and data driven results							Finn Stokes
12:00	SESSION B ROUND TABLE Precision QCD: What we know what we want to know Chair: Janwei Qiu Panel Members: Ian Cloet - Zein-Eddine Meziani - Wei Wang							
12:30	LUNCH							
13:30	LUNCH							
14:00	30min A*	B	C	D	E	F	G	
14:00	A(30min): Cristina Diamantini-195	B(30min): Adrian Bashir-178	C(30min): Estia Eichten-338	D(30min): Sasa Stuppi-183	E(30min): Matthias Heinz-228	F(30min): Yuki Fujimoto-312	G(30min): Rafalski-250	
14:30	A(30min): Ivan Horvath-47	B(30min): Farah Afzal-153	C(30min): Joan Soto-112	D(30min): Kaapo Seppäläinen-282	E(30min): Steven Harris-311	F(30min): Yidian Chen-227	G(30min): Koii Hashimoto-249	
15:00	A(30min): Tamas Kovacs-174	B(30min): Stefan Walther-240	C(30min): Raquel Molina Peralta-244	D(30min): Pablo Navarrete-248	E(30min): Daiki Hayakawa-122	F(30min): Iwasaki Masahiko-318	G(30min): Khoze-232	
15:30	A(30min): Gianluca Laplace-132	B(30min): Dimitra Peftkou-235	C(30min): Brian Colquhoun-189	D(30min): Jon-Ivar Skallerud-187	E(30min): Karim Trabelsi-346	F(30min): Anthony Thomas-41	G(30min): Mondal-161	
16:00	AFTERNOON TEA							
16:30	120min A	B	C	D	E	F	H	
16:30	A(20min): Elia Cellini-70	B(20min): Hyun-Chul Kim-84	C(20min): Jake Lane-94	D(20min): Kayran Schmidt-88	C(20min): Muñoz-303	F(20min): Catalina Curceanu-90	H(20min): Xiao-Rui Lyu-91	
16:50	A(20min): Seth Grable-130	B(20min): Harleen Dahiya-73	C(20min): Enrico Lusiani-333	D(20min): Marius Leuther-89	C(20min): Kitazawa-121	F(20min): Matthew Rummey-162	H(20min): Enrico Rinaldi-256	
17:10	A(20min): Naoki Fukushima-143	B(20min): Jordan Mckee-167	C(20min): Jianxiang Wang-137	D(20min): Haesom Sung-27	C(20min): G. WANG-233	F(20min): Geraint Evans-29	H(20min): Martin White-55	
17:30	A(30min): Hideo Suganuma-163	B(30min): Beijiang Liu-30	C(30min): Hee Sok Chung-289	D(30min): Rene Bellwied-211	C(30min): Sang-261	F(30min): Gastao Krein-284	H(30min): Masahito Yamazaki-280	
18:00	A(30min): Ralf Hofmann-134	B(30min): José Rodriguez Quintero-164	C(30min): AnPing Chen-80	D(30min): Akihiko Monnai-196	C(30min): Liu-231	F(30min): Hartmut Abela- 336	H(30min): Lingxiao Wang-255	
18:30	POSTER SESSION WINE TASTING (MEZZANINE EXHIBITION HALL)							
20:00								

THURSDAY, 22 AUGUST 2024

09:00	[210] Three-hadron systems							Raul Briceno
09:30	[114] Recent experimental results on QGP formation and properties from the LHC							Raimond Snellings
10:00	[185] A tribute to Alexander Andrianov, a life for physics							Domenc Espriu Climent
10:30	MORNING TEA							
11:00	120min. B B(20min) : Raquel Molina Peralta-245	B B(20min) : Nabil Humphrey-170	C C(20min) : Tomona Kinugawa-101	D D(20min) : Joan Soto-111	G G(20min) : Savir Kaur-160	F F(20min) : Hermann Krebs-285	H H(20min) : Masazumi Honda-345	
11:20	B(20min) : Hua Shi-62	B(20min) : Zhan-Wei Liu-58	C(20min) : Yan-Lyu-254	D(20min) : Taisiya Mironova-305	G(20min) : Goh-159	F(20min) : Irene Bolognino-60	H(20min) : Sokratis Trifonopoulos-202	
11:40	B(20min) : Tomas Husek-181	B(20min) : Yi Lu-38	C(20min) : Wei Chen-241	D(20min) : Sagar Sappi-186	G(20min) : Kamiel Janasens-103	F(20min) : Daiki Suenaga-1104	H(20min) : Alexander Read-292	
12:00	B(30min) : Wei-Hong Liang-267	B(30min) : Xingbo Zhao-68	G(30min) : Thomas Mahon-294	D(30min) : Ajaharul Islam-193	G(30min) : Kuzenko-141	F(30min) : Hirokazu Tamura - 332	H(30min) : Tommaso Dorigo-275	
12:30	B(30min) : Wolfgang Korsch-293	B(30min) : Martin Hoferichter-56	C(30min) : Jia-jun Wu-53	D(30min) : Ryan Bignell-191	G(30min) : Xiangong Wang-72	F(30min) : Xu Zhang-246	H(30min) : Akiomi Tomiya-340	
13:00	LUNCH							
14:00	90min A A(30min) : Aleksey Cherman-279	B B(30min) : Adam Szczepaniak-221	C C(30min) : Lu Meng-243	D D(30min) : Adam Takacs-206	E E(30min) : C.-J. David Lin-96	F F(30min) : Ian Cloet-108	G G(30min) : Masanori Hanada-66	
14:30	A(30min) : Andreas Athanodorou-146	B(30min) : Munoz -308	C(30min) : Zhaoping Liu-262	D(30min) : Dieter Roehrich-126	E(30min) : Daniel Nogradi-278	F(30min) : Nobutoshi Yasutake-301	G(30min) : Jan M. Pawlowski-319	
15:00	A(30min) : Kentaro Nishimura-120	B(30min) : K. Utsu Cao-172	G(30min) : Di-Lun Yang-309	D(30min) : Min-Jung Kwon-344	E(30min) : George Fleming-342	F(30min) : Alejandro Avala-322	G(30min) : Pyunghwon Ko-314	
15:30	AFTERNOON TEA							
17:00	90min A* A(30min) : Shuzhe Shi-119	B B(30min) : Chu-Wen Xiao-259	C C(30min) : Kotaro Shirotori-265	D D(30min) : Yusuke Shimada-102	B B(30min) : Peter Tandy-118	F F(30min) : Toshiaki Gogami-382	E E(30min) : Pyunghwon Ko-264	
16:00	A(20min) : Jha-115	B(20min) : Chao Peng-77	C(20min) : Roberto Rosin-335	D(20min) : Fei Gao-39	B(20min) : Ju-Jun Xie-220	F(20min) : Ifan Siddique-272	E(20min) : Giulia Ricciardi-54	
17:00	A(20min) : Andrey Kotov-125	B(20min) : Byungmin Kang -149	C(20min) : Sachiko Takeuchi-151	D(20min) : Paulo Silva269	B(20min) : Harleen Dahiya-205	F(20min) : Enrico Spersich-124	E(20min) : Jayden Newstead-204	
16:30 17:00	A(20min) :	B(20min) : Woosung Jung-148	C(20min) : Wei Wang-99	D(20min) : Theo Malta-260	B(20min) : Jun Zeng-251	F(20min) : Giorio Busoni-144	E(20min) : Rajan Gupta-353	
17:30	BREAK							
18:00	CONFERENCE DINNER							
18:30	TRINITY ROOM-GALA DINNER CAIRNS CONVENTION CENTRE							
19:00	DINNER SPEAKER : JAMIE SEYMOUR							
	Will I die at this conference from a bite or sting from a venomous animal?							
23:00								

FRIDAY, 23 AUGUST 2024

09:00	[209] Complex potential and open system applications in heavy-ion and cold atoms	Yukinao Akamatsu
09:30	[44] Hadron Structure: Perspective and Insights	Craig Roberts
10:00	[76] Open Questions in Statistical Practice for Particle Physics	Francisco Matarras
10:30	MORNING TEA	
11:00	[214] Lattice and phenomenology of the Quark Gluon Plasma	Claudia Ratti
11:30	[89] Hadronic vacuum polarization and some atomic binding effects relevant for the MUonE experiment	Mark Wise
12:00	SESSION E ROUND TABLE QCD and New Physics in Extreme Astrophysical Environments --- In Neutron Stars and their Mergers Chair: Nicole Bell Panel Members : Susan Gardner - AW Thomas - Stephen Harris	
12:30		
13:00	LUNCH	
13:30		
14:00	[234] In-medium heavy-quark interactions from lattice QCD	Johannes Heinrich Weber
14:30	[225] Perturbation theory, power corrections, renormalons, and precise extraction of quark masses and $\alpha_s$	Andreas Kronfeld
15:30	AFTERNOON TEA	
16:00	[199] Nucleon charges from Lattice QCD and their Implications for BSM Physics	Rajan Gupta
16:30	[224] 30 years highlight of NREFTs for quarkonium	Antonio Vairo
17:00	CARLOS GUARALDO MEMORY TALK by Catalina Curceanu	
17:15	SUMMARY TALK by NORA BRAMBILLA	
17:45	CONFERENCE CLOSING	
18:00		