

Experimental and theoretical status of and perspectives for XYZ states

Monday 12 April 2021

xyz: session 1 - online (09:00-10:25)

time	[id] title	presenter
09:00	[1] Opening	NERLING, Frank
09:05	[2] BESIII results on vector Y states	YUAN, Changzheng
09:45	[3] BESIII results on X, Z states	LIU, Zhiqing

xyz: session 2 - online (10:45-12:00)

time	[id] title	presenter
10:45	[4] Dissecting XYZ-states with functional methods	FISCHER, Christian
11:10	[5] Test of the nature of $P_{cs}(4459)$ as a hadronic molecule in the $\Xi_b^- \rightarrow J/\psi \Lambda K^-$ decay	GENG, Li-Sheng
11:35	[6] X(3872) in the hybrid model of charmonium and hadronic molecule	YAMAGUCHI, Yasuhiro

xyz: session 3 - online (14:00-15:20)

time	[id] title	presenter
14:00	[7] Effective field theories for regular quarkonia and exotics	BRAMBILLA, Nora
14:40	[8] Hadronic Molecules	MEIßNER, Ulf-G.

xyz: session 4 - online (15:40-16:55)

time	[id] title	presenter
15:40	[9] Nonrelativistic effective field theories for exotic heavy hadrons	TARRÚS, Jaume
16:05	[10] Heavy fourquarks and dibaryon states	MATHUR, Nilmani
16:30	[11] On history of the bottomonium-like states Z_b discovery (In Memoriam Misha Voloshin)	BONDAR, Alex

Tuesday 13 April 2021

xyz: session 5 - online (09:00-10:20)

time	[id] title	presenter
09:00	[12] Belle(II) results in the charm sector	SHEN, Chengping
09:40	[13] Belle(II) XYZ results in the B sector	CHILIKIN, Kirill

xyz: session 6 - online (10:40-12:05)

time	[id] title	presenter
10:40	[16] Coupled-channel interpretation of the LHCb double-J/psi spectrum	NEFEDIEV, Alexey
11:05	[17] X0(2900) in the molecular picture	WANG, Qian
11:30	[18] Production of 1 ⁺⁺ states in e ⁺ e ⁻ collision	GUO, Yuping
11:55	[43] ExtreMe Matter Institute EMMI	EWERZ, Carlo

xyz: session 7 - online (14:00-15:20)

time	[id] title	presenter
14:00	[14] Production of X(3872)	PILLONI, Alessandro
14:40	[15] Production of X(3872)	BRAATEN, Eric

xyz: session 8 - online (15:40-17:10)

time	[id] title	presenter
15:40	[19] Loosely bound states in relativistic nuclear collisions at the LHC	BRAUN-MUNZINGER, Peter
16:20	[20] X(3872) and D \bar{D} bar* interactions in a nuclear medium	ALBALADEJO SERRANO, Miguel
16:45	[21] The properties and production of fully-heavy tetraquarks in a strongly interacting medium	ZHAO, Jiaying

Wednesday 14 April 2021

xyz: session 9 - online (09:00-10:20)

time	[id] title	presenter
09:00	[22] LHCb results on charmonia	PAPPAGALLO, Marco
09:40	[23] LHCb results on exotic charmonia	NEUBERT, Sebastian

xyz: session 10 - online (10:40-11:55)

time	[id] title	presenter
10:40	[24] Observation of the $Z_{cs}(3985)$ state at BESIII	XU, Ying-Chao
11:05	[25] Z_{cs} exotics in $B \rightarrow J/\psi \phi / K$ decays at LHCb	XU, Zehua
11:30	[26] Heavy fourquark states from lattice QCD	PRELOVSEK, Sasa

xyz: session 11 - online (14:00-15:20)

time	[id] title	presenter
14:00	[27] Radiative a pionic transitions of $Y(4320)$ and the new $Z_{sc}(3982)$	MAIANI, Luciano
14:40	[28] Inclusion of $\pi \pi$ interactions in heavy meson decays	DANILKIN, Igor

xyz: session 12 - online (15:40-16:55)

time	[id] title	presenter
15:40	[29] Insights on the $Z_b(10610)$ and $Z_b(10650)$ from the dipion decays	BARU, Vadim
16:05	[30] CMS results and prospects on XYZ states	CHISTOV, Ruslan
16:30	[31] GlueX results	DOBBS, Sean

Thursday 15 April 2021

xyz: session 13 - online (09:00-10:20)

time	[id] title	presenter
09:00	[32] Triangle singularities and new ideas about the X(3872)	GUO, Feng-Kun
09:40	[33] Importance of meson-meson and of diquark-antidiquark creation operators for a $b\bar{b}u\bar{d}$ tetraquark	WAGNER, Marc

xyz: session 14 - online (10:40-12:00)

time	[id] title	presenter
10:40	[34] Bottomonium resonances in the Born-Oppenheimer approximation using static potentials from lattice QCD	MUELLER, Lasse
11:05	[35] Long ranged part of static potential	ANWAR, Naeem
11:30	[36] Hybrid static potentials at small quark-antiquark separations	RIEHL, Carolin
11:55	[45] Workshop Photo - Screenshot	PARTICIPANTS ONLINE

xyz: session 15 - online (14:00-15:30)

time	[id] title	presenter
14:00	[37] Lattice QCD in the doubly heavy sector	RYAN, Sinéad
14:40	[38] Heavy-Light Tetraquarks with Lattice QCD	PFLAUMER, Martin
15:05	[39] COMPASS results on XYZ states	GUSKOV, Alexey

xyz: session 16 - online (15:50-17:20)

time	[id] title	presenter
15:50	[40] Can We Resolve the Nature of $\chi_{c1}(3872)$ with PANDA?	GÖTZEN, Klaus
16:15	[41] Future relevant experiments	EIDELMAN, Simon
16:55	[42] Closing of the workshop	HANHART, Christoph