

Heavy Flavor Workshop in High Energy Collisions

Monday, 30 October 2017 - Wednesday, 1 November 2017

**Lawrence Berkeley National Laboratory
Programme**

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Monday 30 October 2017

Opening Session: Opening Session - Building 50, Auditorium (09:00-10:30)

-Conveners: Nu Xu

time	[id] title	presenter
09:00	[1] Welcome and Announcement	JACAK, Barbara
09:15	[2] Overview of heavy flavor and quarkonia production in heavy-ion collisions	RAPP, Ralf
10:00	[3] Heavy flavor probes and lattice QCD	PETRECKZY, Peter

Coffee Break - Building 50, Auditorium (10:30-11:00)

Recent results on open HF measurements - Building 50, Auditorium (11:00-12:30)

-Conveners: Spyridon Margetis

time	[id] title	presenter
11:00	[4] ALICE open heavy flavor measurements	GRELLI, Alessandro
11:30	[5] ATLAS open heavy flavor measurements	HU, Qipeng
12:00	[6] CMS open heavy flavor measurements	INNOCENTI, Gian Michele

Lunch break (12:30-14:00)

Open HF theory - I - Building 50, Auditorium (14:00-15:00)

-Conveners: Xin-Nian Wang

time	[id] title	presenter
14:00	[7] STAR open heavy flavor measurements	YE, Zhenyu
14:30	[8] Linear Boltzmann Transport calculations of heavy flavor production	CAO, Shanshan

Coffee break - Building 50, Auditorium (15:00-15:30)

Open HF theory - II - Building 50, Auditorium (15:30-17:00)

-Conveners: Peter Martin Jacobs

time	[id] title	presenter
15:30	[10] Bayesian extraction of the Heavy Quark Diffusion coefficient from RHIC and LHC Heavy-Ion Data	XU, Yingru
16:00	[11] Effective theories of open heavy flavor and quarkonium production in heavy ion collisions	VITEV, Ivan
16:30	[12] AdS/CFT for heavy flavor production	HAMBROCK, Robert

Workshop Dinner at Bacheesos Mediterranean Restaurant (18:00-20:00)

Tuesday 31 October 2017

Recent results on open HF/quarkonia - Building 50, Auditorium (09:00-10:30)

-Conveners: Zhangbu Xu

time	[id] title	presenter
09:00	[13] PHENIX open heavy flavor and quarkonia measurements	LEUNG, Yue Hang
09:30	[14] ATLAS quarkonia measurements	BROOKS, William King
10:00	[15] STAR quarkonia measurements	MA, Rongrong

Coffee break - Building 50, Auditorium (10:30-11:00)

Open HF theory - III - Building 50, Auditorium (11:00-12:30)

-Conveners: Zi-Wei Lin

time	[id] title	presenter
11:00	[16] Heavy quark correlations	GOSSIAUX, Pol
11:30	[17] PHSD model for heavy flavor production in heavy-ion collisions	SONG, Taesoo
12:00	[37] Heavy flavor correlations under thermal stochastic influence	KOZLOV, Gennady

Lunch break - Building 50, Auditorium (12:30-14:00)

Quarkonia production - I - Building 50, Auditorium (14:00-15:30)

-Conveners: Hans Georg Ritter

time	[id] title	presenter
14:00	[36] Quarkonia production in p+p collisions	KNIEHL, Bernd
14:30	[20] Polarization of quarkonium in p+p and h+A	CHEUNG, Vincent
15:00	[38] Heavy flavor and quarkonium production in pp and pA collisions using the small-x CGC framework	WATANABE, Kazuhiro

Coffee break - Building 50, Auditorium (15:30-16:00)

Instrumentation - Building 50, Auditorium (16:00-17:30)

-Conveners: Jim Thomas

time	[id] title	presenter
16:00	[22] ALICE ITS upgrade	BEOLE, Stefania
16:30	[23] CBM MAPS upgrade and physics program	DEVEAUX, Michael
17:00	[24] sPHENIX MVTX upgrade	LIU, Ming Xiong

Wednesday 01 November 2017

Recent quarkonia measurements - Building 50, Auditorium (09:00-10:30)

-Conveners: Grazyna Odyniec

time	[id] title	presenter
09:00	[25] ALICE quarkonia measurements	SCOMPARIN, Enrico
09:30	[26] LHCb heavy flavor and quarkonia measurements	ZHANG, Yanxi
10:00	[27] CMS quarkonia measurements	CALDERON DE LA BARCA, Manuel

Coffee break - Building 50, Auditorium (10:30-11:00)

Quarkonia production - II - Building 50, Auditorium (11:00-12:30)

-Conveners: Flemming Videbaek

time	[id] title	presenter
11:00	[28] Quarkonium spectral functions on the lattice	OHNO, Hiroshi
11:30	[29] Cold nuclear matter effect on quarkonia production	VOGT, Ramona
12:00	[30] J/psi photoproduction and e^+e^- pair production in peripheral heavy ion collisions	KLEIN, Spencer

Lunch break - Building 50, Auditorium (12:30-14:00)

Future programs - Building 50, Auditorium (14:00-15:30)

-Conveners: Feng Yuan

time	[id] title	presenter
14:00	[31] Heavy flavor in p+p and e+p collisions	KANG, Zhongbo
14:30	[32] Future heavy flavor program at RHIC and LHC	PLOSKON, Mateusz
15:00	[33] Future quarkonia program at RHIC and LHC	FRAWLEY, Anthony

Coffee break - Building 50, Auditorium (15:30-16:00)

Workshop summary - Building 50, Auditorium (16:00-17:15)

-Conveners: Ernst Sichtermann

time	[id] title	presenter
16:00	[34] Heavy quarkonium production: from JLab to an EIC	JOOSTEN, Sylvester
16:30	[35] Workshop Summary	BRAUN-MUNZINGER, Peter