

Heavy Quarkonium Production in Heavy-Ion Collisions

ECT* Trento, May 25-29, 2009

Preliminary Program (May 14, 2009), * - to be confirmed

Time	MONDAY 25.05.	TUESDAY 26.05.	WEDNESDAY 27.05.	THURSDAY 28.05.	FRIDAY 29.05.
09:30 - 10:20	Lourenço	Satz	Braun-Munzinger*	Ullrich	Martinez
10:50 - 11:40	Vogt	Frawley	Petreczky	Wong	Ko
11:40 - 12:30	Leitch	Laine	Cabrera	Arnaldi	Senger
12:30 - 14:30	lunch break				
14:30 - 15:10	Lansberg	Brambilla	Kaczmarek	Andronic	Gossiaux
15:10 - 15:50	Scomparin	Redlich	Riek	Zhao	Mishra
16:10 - 16:50	Woehri	Skullerud	Beraudo	Young	Gunji
16:50 - 17:30	Ferreiro	Ding	Prorok	Bratkovskaya	d'Enterria
17:30 - 18:30	PANEL DISC. (Topic 1)	PANEL DISC. (Topic 2)	PANEL DISC. (Topic 3)	PANEL DISC. (Topic 4)	

Guide to the Program

- **Get-Together-Pizza**

The workshop starts (inofficially) on Sunday (24.05.) evening in the **Pizzeria Alla Mostra**, located at the Piazza Mostra (in front of the castle "Castello del Buonconsiglio") at, or slightly after, 20:00 with a Get-Together-Dinner for all of those who are interested and already are in Trento.

- **Conference Dinner**

Details at the meeting.

You are welcome to bring your guitar or other suitable instruments and your voice.

- **Sessions and Breaks**

Lectures and discussion sessions are held in the 'Rustico', where also computer workplaces and plugins for your notebooks are available. There is a long break (12:30-14:30) for lunch, being held on the ground floor of 'Villa Tambosi', and a dinner to be announced on a daily basis. Two coffee breaks (10:20-10:50, 15:50-16:10) are scheduled. outside in the Park or inside the Villa, depending on weather.

- **Panel Discussions**

The discussions are considered an essential part of the meeting and shall therefore dominate the program at the expense of traditional lectures. There will be time for private discussions among the participants, but some of the controversial themes shall be identified for the panel discussions as a forum for clarifying pertinent issues.

- Panel Topics:
- (1) Cold Nuclear Matter effects
 - (2) tba
 - (3) Free vs. internal energy at finite T
 - (4) Significance of regeneration in HICs

- **Comments**

are welcome not only during the workshop but at any time since we would like to maximize the benefit of the meeting. Therefore, please direct any suggestions for improvement of the program to the organizers. Before leaving ECT* Trento you will be asked to write down your impressions from the workshop as part of the final report on your participation.

The organizers: David Blaschke <blaschke@ift.uni.wroc.pl>
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The workshop secretary: Ines Campo <ines@ect.it>

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Participants and lectures (May 14, 2009)

Name	Arr	Dep	Nights	T	Title
Andronic	24	29	5	S	Quarkonium Production in the Statistical Model
Arnaldi	24	29	5	E	Charmonium polarization in NA60 and other fixed target experiments
Beraudo	24	29	5	M	Quarkonium Correlators in a Hot Plasma
Berrebrah	23	30	7	K	
Bianchi	24	29	5	E	
Blaizot	22	28	6	M	
Bossu	24	29	5	E	
Brambilla	25	26	1	M	QQbar interaction at finite T with EFTs
Bratkovskaya	24	30	6	K	Charm dynamics from transport models
Braun-Munzinger	24	27	3	S	Quarkonium Production at RHIC and LHC
Burnier	24	30	6	E	
Cabrera	24	29	5	M	Quarkonium Correlators in a T-Matrix Approach
Cassing	24	30	6	K	
D'Enterria(!)	25	29	4	E	Quarkonia measurements with ATLAS, CMS and LHCb
Ding	24	30	6	L	Charmonium Correlators and Spectral Functions
Ferreiro	24	27	3	C	CNM intrinsic and extrinsic effects
Frawley	24	29	5	E	Latest J/psi results from PHENIX (d+Au, Au+Au)
Gossiaux	24	30	6	K	Connection of Charmonium Production and Open Charm
Gunji	24	30	6	M	Quarkonia Melting in expanding hot and dense medium at RHIC
Hadjidakis	25	29	4	E	
Kaczmarek	24	28	4	L	Quarkonia in Lattice QCD
Ko	24	30	6	K	Charmonium Production from Transport Models
Laine	25	29	4	M	Insight on Quarkonium from the weak-coupling expansion
Lansberg	25	29	4	P	Charmonium Production Processes
Leitch	24	30	6	E	Nuclear dependence of charm and charmonium production (E866)
Lourenço	24	29	5	E	Introduction to Heavy Quarkonium Production
Martinez	24	29	5	E	Quarkonia measurements with ALICE
Mishra	24	1	8	M	D-mesons in Asymmetric Nuclear Matter
Pena	24	30	6	M	
Petreczky	24	29	5	H	Quarkonium Correlators and Spectral Functions in Medium
Prorok	24	30	6	S	Charmonium Suppression at RHIC and SPS - Hadronic Baseline
Redlich	23	28	5	S	Quarkonia in Hot and Dense Matter
Riek	24	29	5	H	In-medium Heavy Quark Potentials
Satz	24	29	5	H	Quarkonium Spectroscopy in Medium
Scomparin	24	29	5	E	J/psi and psi' results from the SPS (p-A, In-In, Pb-Pb)
Senger	25	29	4	E	Charm at CBM
Skullerud	25	29	4	L	Charmonium spectral functions in full QCD
Ullrich	24	30	6	E	Quarkonia from STAR and at RHIC-II
Vogt	24	29	5	C	Nuclear parton densities and QQbar production (EPS09, CEM)
Woehri	24	29	5	C	CNM effects in charmonium hadro-production
Wong	24	29	5	H	Quarkonia in Medium
Young	24	30	6	M	J/psi production in the sQGP
Zhao	24	30	6	H	In-Medium Effects on Charmonium Production
Sum			226	43	

- [T]opics: [E]xperimental programs at CERN-SPS, CERN-LHC, RHIC and CBM @ FAIR (9)
[C]old nuclear matter effects (5)
[P]roduction process of heavy quarkonia (1)
[M]odels and phenomenological approaches (7)
[H]ot and dense medium effects (5)
[S]tatistical models (3)
[K]inetic approaches (3)
[L]attice QCD for heavy-quark potential and quarkonium correlators (3)