

Quarkonium 2014

10th International Workshop on Quarkonium (QWG10)



10-14 November 2014

CERN



QWG Conveners

Geoffrey Bodwin (ANL, USA)
Nora Brambilla (TU Munich, Germany)
Roberto Mussa (INFN, Italy)
Vaia Papadimitriou (FNAL, USA)
Antonio Vairo (TU Munich, Germany)

Program Topics:

Spectroscopy (G. Bali, N. Brambilla, R. Mitchell, R. Mizuk, R. Mussa, J. Soto)
Decays (E. Eichten, C. Patrignani, A. Vairo, C. Z. Yuan)
Production (G. Bodwin, E. Braaten, A. B. Meyer, V. Papadimitriou, J. Qiu)
Standard Model Measurements (S. Eidelman, A. Kronfeld, A. Pineda)
Quarkonium in Media (A. D. Frawley, P. Petreczky, E. Scomparin, R. Vogt)
Beyond the Standard Model (A. Petrov, M.-A. Sanchis-Lozano)

Local Organizing Committee:

Giulia Manca (Università di Cagliari and INFN, Italy)
Michelangelo Mangano (CERN, Switzerland)
Andreas B. Meyer (DESY, Germany)
Darren Price (University of Manchester, UK)
Enrico Scomparin (INFN, Italy)
Hermine K. Wöhrli (CERN, Switzerland)

For more information and contact:
www.qwg.to.infn.it - email to qwg-2014@cern.ch

indico.cern.ch/e/quarkonium2014

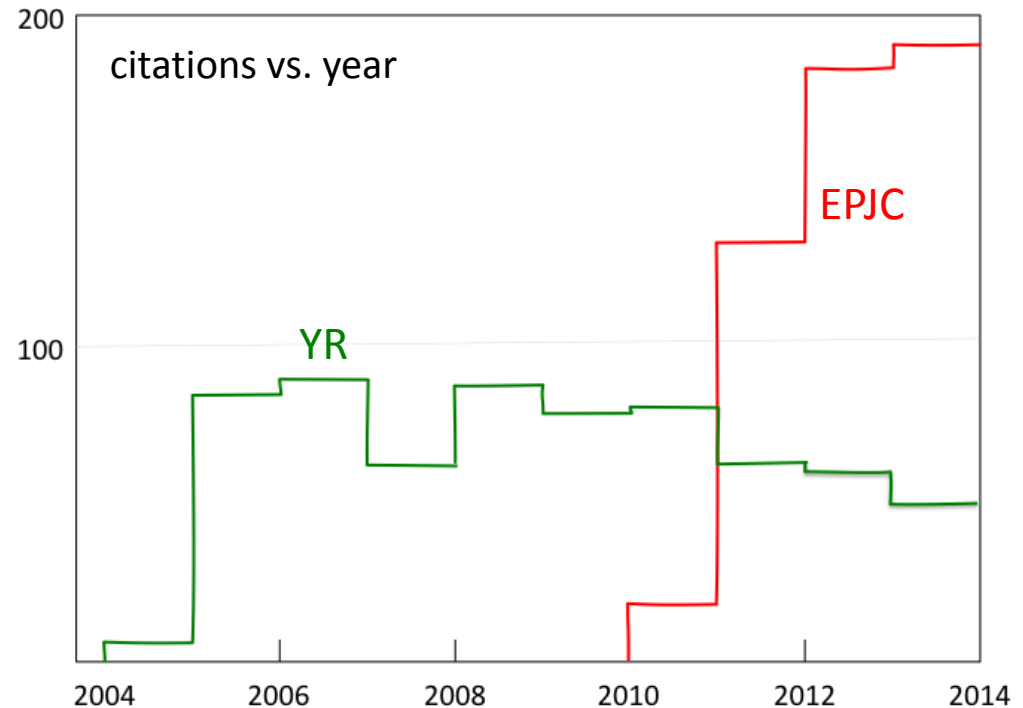


LPCC



Quarkonium Working Group (QWG) activities

- Organization of topical workshops:
CERN 2002;
Fermilab 2003;
Beijing 2004;
Brookhaven 2006;
DESY 2007;
Nara 2008;
Fermilab 2010;
GSI 2011;
Beijing 2013;
CERN 2014



- Edition of “state-of-the-art reviews”:
 - “Heavy Quarkonium Physics”, CERN Yellow Report [CERN-2005-005](#) [arXiv:hep-ph/0412158](#) (487 pages) ; Cited by **687** records
 - “Heavy quarkonium: progress, puzzles and opportunities”: [EPJC 71 \(2011\) 1534](#) <http://arxiv.org/abs/1010.5827> (182 pages) ; Cited by **654** records

More details on the QWG site: <http://www.qwg.to.infn.it/>

Back to CERN, 12 years later !

- ✓ The 1st QWG workshop took place at CERN, in 2002
- ✓ 3 days (inc. Saturday & Sunday); very dense program

	time	location	activity
Friday Nov. 8	09:00 - 09:20	Room 40-S2-B01	Plenary: Opening
	09:20 - 11:00	Room 40-S2-B01	Plenary: Spectroscopy
	11:00 - 11:30	Blg. 40	Coffee Break
	11:30 - 12:50	Room 40-S2-B01	Plenary: Spectroscopy
	12:50 - 14:20	Ad Libitum	Lunch Break
	14:20 - 15:00	Room 40-S2-B01	Plenary: Spectroscopy
	15:00 - 16:30	Room 40-S2-B01	Plenary: Decays
	16:30 - 17:00	Blg. 40	Coffee Break
	17:00 - 18:55	Room 40-S2-B01	Plenary: Decays
	18:55 - 20:30	Ad Libitum	Dinner Break
	20:30 - 22:00	Rooms 40-S2-B01, 40-2-A01, 40-5-A01	Parallel: Spectroscopy, Decay, Q in Media
Saturday Nov. 9	09:00 - 11:00	Room 40-S2-B01	Plenary: Production
	11:00 - 11:30	Blg. 40	Coffee Break
	11:30 - 13:00	Room 40-S2-B01	Plenary: Production
	13:00 - 14:30	Ad Libitum	Lunch Break
	14:30 - 16:30	Room 40-S2-B01	Plenary: QCD Tests
	16:30 - 17:00	Blg. 40	Coffee Break
	17:00 - 17:40	Room 40-S2-B01	Plenary: QCD Tests
	17:40 - 19:05	Room 40-S2-B01	Plenary: Q in Media
	19:05 - 20:30	Ad Libitum	Dinner Break
		20:30 - 22:30	Rooms 40-S2-B01, 40-2-A01, 40-5-A01
Sunday Nov. 10	09:00 - 10:55	Room 40-S2-B01	Plenary: Q in Media
	10:55 - 11:20	Blg. 40	Coffee Break
	11:20 - 12:55	Room 40-S2-B01	Plenary: Standard Model
	12:55 - 14:15	Ad Libitum	Lunch Break
	14:15 - 16:10	Room 40-S2-B01	Plenary: Standard Model
	16:10 - 16:40	Blg. 40	Coffee Break
	16:40 - 18:40	Room 40-S2-B01	Plenary: Topics Summaries

November 8-10, 2002 at CERN

Organizing Committee:

- Armin Böhrer (Siegen U.)
- Nora Brambilla (Milano U.)
- Oleg Iouchtchenko (CERN)
- Maria Kienzle (Geneva U.)
- Michael Krämer (Edinburgh U.)
- Carlos Lourenco (CERN)
- Michelangelo Mangano (CERN)
- Roberto Mussa (Torino INFN)
- Thomas Teubner (CERN)
- Antonio Vairo (CERN)

Working Groups [with conveners: Theory / Experiment]

SPECTROSCOPY

[Conveners: Bali, Brambilla, Soto / Böhrer, Mussa]

DECAYS

[Conveners: Eichten, Vairo / Patrignani]

PRODUCTION

[Conveners: Braaten, Krämer / Meyer, Papadimitriou]

STANDARD MODEL MEASUREMENTS

[Conveners: Hoang, Jamin / Eidelman]

QUARKONIUM IN MEDIA

[Conveners: Lombardo, Satz / Lourenco, Rosati]

QCD TESTS

[Conveners: Berger, Kharzeev / Galik, Zieminski]

Additional Topic:

FUTURE OPPORTUNITIES

[Conveners: Godfrey / Sanchis-Lozano]

Some notes on the 10th edition...

We only have plenary sessions, so that people can follow all the talks 😊

The drawback is that the days are long, often extending from 8h30 to 19h...
and the lunch breaks are only 1 hour long

→ speakers should stick to the allocated times

→ and upload the slides to INDICO before the session starts

Note: printed copies of the program are available at the entrance of the auditorium

Distribution of the sessions across the week:

QWG subgroup	Day
SPECTROSCOPY	Mon; Tuesday morning
IN MEDIA	Mon evening; Thu morning
DECAYS	Tue afternoon; Wed morning
BEYOND THE STANDARD MODEL	Tue evening
STANDARD MODEL	Wed afternoon
FUTURE OPPORTUNITIES	Thu afternoon
PRODUCTION	Thu evening, Fri

Further announcements

- ✓ The whole workshop takes place in this conference room, including the coffee breaks
- ✓ Tonight at 19h30 : [Welcome drink](#) at Restaurant 1
- ✓ This week's CERN seminar, [Tuesday at 11h00](#), is part of the workshop's agenda:

“Celebrating Quarkonium: The First Fourty Years”
by Chris Quigg
(in the Main Auditorium)

Three round table discussions:

Tue, 9:35-10:35 “The Z states in charmonium and bottomonium”, chaired by Ryan Mitchell

Tue, 15:10-15:40 “Hadronic transitions”, chaired by Estia Eichten

Wed, 10:20-10:40: “Radiative Transitions”, chaired by Antonio Vairo

The local team: whom to contact in case of need...



Andreas Meyer



Darren Price



Enrico Scomparin



Giulia Manca



Hermine K. Wöhri



Michelangelo Mangano

... and on to the scientific part of the workshop !