

QM 2011

chaired by Yves Schutz (IN2P3/CERN) , Urs Wiedemann (CERN) Yves Schutz & Urs Wiedemann

from Sunday 22 May 2011 at **09:00** to Saturday 28 May 2011 at **13:00** (Europe/Zurich)
at CERN

Description Quark Matter Conference in 2011 at Annecy ([back to QM2011 home page](#))

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Monday 23 May 2011

- 08:00 - 09:00 **Registration**
Location:
- 09:00 - 09:45 **Opening**
Convener: Yves Schutz (IN2P3/CERN)
Location: Centre Bonlieu (Théâtre National)
- 09:45 - 10:15 **Coffee break** (Centre Bonlieu (Theatre National))
- 10:15 - 13:15 **Overviews**
Location: Centre Bonlieu (Théâtre National)
- 10:15 **Theory 30'**
- 10:45 **Experiments 2h30'**

ALICE	30'
ATLAS	30'
CMS	30'
PHENIX	30'
STAR	30'

- 13:15 - 15:00 **Lunch break** ()
- 15:00 - 17:00 **Parallel session1-2**
Location: Imperial Palace (Salons Berlioz)
- 15:00 - 17:00 **Paralle session 1-1**
Location: Imperial Palace (Salle de l'Europe)
- 15:00 - 17:00 **Parallel session 1-4**
Location: Imperial Palace (Salons Verdi)
- 15:00 - 17:00 **Parallel session 1-3**
Location: Imperial Palace (Salons Ravel)
- 17:00 - 17:30 **Coffee break** (Imperial Palace (Terrasse Imperial Palace))
- 17:30 - 19:30 **Parallel session 1-5**
Location: Imperial Palace (Salle de l'Europe)
- 17:30 - 19:30 **Parallel session 1-6**
Location: Imperial Palace (Salons Berlioz)
- 17:30 - 19:30 **Parallel session 1-7**
Location: Imperial Palace (Salons Ravel)
- 17:30 - 19:30 **Parallel session 1-8**
Location: Imperial Palace (Salons Verdi)

Tuesday 24 May 2011

- 09:00 - 10:30 **Pre equilibrium and initial stage**
Location: Centre Bonlieu (Théâtre National)
- 09:00 **Theory 30'**
Theoretical foundations, equilibration, models of multiplicity,...
- 09:30 **Experiments 1h00'**
Multiplicity, dN/dy , E_T vs N_{part} ...

- 10:30 - 11:00 **Coffee break** (Centre Bonlieu (Centre Bonlieu))
- 11:00 - 12:30 **Global collective dynamics**
Location: Centre Bonlieu (Théâtre National)
- 11:00 **Theory 25'**
fluid dynamic simulations, v_2, \dots
- 11:25 **Experiments 1h00'**
 $v_2, v_2(\eta), v_2(p_T), v_3, PID, \dots$
- 12:30 - 15:00 **Lunch break** ()
- 15:00 - 17:00 **Parallel session 2-4**
Location: Imperial Palace (Salons Verdi)
- 15:00 - 17:00 **Parallel session 2-3**
Location: Imperial Palace (Salons Ravel)
- 15:00 - 17:00 **Parallel session 2-2**
Location: Imperial Palace (Salons Berlioz)
- 15:00 - 17:00 **Parallel session 2-1**
Location: Imperial Palace (Salle de l'Europe)
- 17:00 - 17:30 **Coffee break** (Terrasse Imperial Palace)
- 17:30 - 19:30 **Poster Session 1**
Poster Session 1 + Wine and cheese
Location: Imperial Palace (Attique)

Wednesday 25 May 2011

- 09:00 - 10:30 **Hard probes I: hadron spectra**
Location: Centre Bonlieu (Théâtre National)
- 09:00 **Theory 30'**
status of R_{AA} , its p_T dependence, I_{AA} , ...
- 09:30 **Experiments 1h00'**
 R_{AA} , p_T dep, PID, ...
- 10:30 - 11:00 **Coffee break** (Centre Bonlieu)
- 11:00 - 12:30 **Hard probes II: true jets**
Location: Centre Bonlieu (Théâtre National)
- 11:00 **Theory 30'**
Challenges in jet reconstruction and MC tools
- 11:30 **Experiments 1h00'**
jet measurements, dijet correlations, γ -jet, ...
- 13:00 - 15:00 **Lunch break** (Imperial Palace)
- 15:00 - 20:00 **Excursion 1**
Location:
- 15:00 - 17:00 **IAC**

Thursday 26 May 2011

- 09:00 - 10:30 **Heavy flavor and Quarkonia in medium - I**
Location: Centre Bonlieu
- 09:00 **Theory 30'**
Heavy flavor suppression, quarkonium melting & coalescence
- 09:30 **Experiments 1h00'**
Hadronic & semi-leptonic heavy flavor decays quarkonia
- 10:30 - 11:00 **Coffee break** (Centre Bonlieu (Centre Bonlieu))
- 11:00 - 11:30 **Heavy flavor and Quarkonia in medium - II**
Location: Centre Bonlieu
- 11:00 **Experiments 25'**
Hadronic & semi-leptonic heavy flavor decays quarkonia

- 11:30 - 12:30 Electromagnetic probes
 11:30 **Theory** 30'
Electromagnetic probes
- 12:00 **Experiments** 30'
Photons and dileptons
- 13:00 - 15:00 **Lunch break** (Imperial Palace (Imperial Palace))
- 15:00 - 17:00 **Parallel Session 4-4**
 Location: Imperial Palace (Salons Verdi)
- 15:00 - 17:00 **Parallel Session 4-3**
 Location: Salons Ravel
- 15:00 - 17:00 **Parallel Session 4-2**
 Location: Imperial Palace (Salons Berlioz)
- 15:00 - 17:00 **Parallel Session 4-1**
 Location: Imperial Palace (Salle de l'Europe)
- 17:00 - 17:30 **Coffee break** (Imperial Palace (Terrasse Imperial Palace))
- 17:30 - 19:30 **Poster Session 2**
 Location:

Friday 27 May 2011

- 09:00 - 10:00 **New theoretical developments**
 Location: Théâtre National
- 09:00 **Theory** 30'
AdS/CFT, more
- 09:30 **Theory** 30'
Lattice QCD
- 10:00 - 10:30 **Hadron thermodynamics and chemistry**
 Location: Théâtre National
- 10:00 **Experiments** 30'
Hadrochemistry
- 10:30 - 11:00 **Coffee break** (Centre Bonlieu (Théâtre National))
- 11:00 - 12:30 **Correlations & Fluctuations**
 Location: Centre Bonlieu (Théâtre National)
- 11:00 **Experiments & Theory** 1h30'
HBT Long range correlations, ridges fluctuation measures at low energy
- 12:30 - 15:00 **Lunch break** ()
- 15:00 - 17:00 **Parallel Session 5-4**
 Location: Imperial Palace (Salons Verdi)
- 15:00 - 17:00 **Parallel Session 5-3**
 Location: Imperial Palace (Salons Ravel)
- 15:00 - 17:00 **Parallel Session 5-2**
 Location: Imperial Palace (Salons Berlioz)
- 15:00 - 17:00 **Parallel Session 5-1**
 Location: Imperial Palace (Salle de l'Europe)
- 17:00 - 17:30 **Coffee break** (Imperial Palace (Terrasse Imperial Palace))
- 17:30 - 19:30 **Parallel Session 5-5**
 Location: Imperial Palace (Salle de l'Europe)
- 17:30 - 19:30 **Parallel Session 5-6**
 Location: Imperial Palace (Salons Berlioz)
- 17:30 - 19:30 **Parallel Session 5-7**
 Location: Imperial Palace (Salon Ravel)
- 17:30 - 19:30 **Parallel Session 5-8**
 Location: Imperial Palace (Salons Verdi)
- 20:00 - 23:00 **Banquet** (Imperial Palace (Restaurants Imperial Palace))

Saturday 28 May 2011

- 09:00 - 10:00 **Flash talks**
Location: Centre Bonlieu
- 10:00 - 10:30 **Coffee break** ()
- 10:30 - 12:30 **New challenges**
Location:
- 10:30 **New challenges for theory at the low energy frontier 30'** ()
FAIR, low energy RHIC, NICA/MPD
- 11:00 **New experimental challenges at the low energy frontier 30'**
FAIR, low energy RHIC, NICA/MPD
- 11:30 **New challenges for theory at high energy 30'**
LHC and RHIC II
- 12:00 **New experimental challenges at the high energy frontier 30'**
LHC and RHIC II
- 12:30 - 12:45 **Closing**