



# A COLOURFUL JOURNEY: FROM HADRONS TO QUARK-GLUON PLASMA

SEPTEMBER 29<sup>TH</sup> TO  
OCTOBER 4<sup>TH</sup>, 2013

LA VILLA CLYTHIA  
FRÉJUS  
(CÔTE D'AZUR)  
FRANCE

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REGISTRATION DEADLINE: JUNE 10<sup>TH</sup>, 2013



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## 2<sup>ND</sup> TOPIC:

**"SEEING RELATIVITY: A VIRTUAL JOURNEY AROUND (AND WITHIN) A BLACK HOLE."**

*Alain Riazuelo (Paris)*

## TOPICS

**HADRON INTERACTIONS, COLOUR  
AND QCD PARTONS**

*Yuri Dokshitzer (Paris)*

**EVENT GENERATOR PHYSICS**

*Peter Skands (Geneva)*

**INTRODUCTION TO LATTICE QCD: APPLICATIONS  
TO NUCLEAR AND HADRONIC PHYSICS**

*Jaume Carbonell (Orsay)*

**PARTICLE DETECTORS: OPERATING PRINCIPLES  
AND CALIBRATION ISSUES**

*Mac Mestayer (Newport-News)*

**HEAVY ION PHYSICS: HARD PROBES**

*Peter Braun-Munzinger (Darmstadt)*

**HEAVY ION PHYSICS: BULK PROPERTIES OF THE  
QUARK-GLUON PLASMA**

*Raimond Snellings (Utrecht)*

**NUCLEON REVERSE ENGINEERING: STRUCTURING  
THE NUCLEON WITH QUARKS AND GLUONS**

*Hervé Moutarde (Saclay)*

