

XXXVIII<sup>ème</sup> INSTITUT D'ÉTÉ  
“THÉORIES DE JAUGE, GRAVITÉ ET  
THÉORIES DE CORDES ”

25 août au 5 septembre 2008

LABORATOIRE DE PHYSIQUE THÉORIQUE  
DE  
L'ÉCOLE NORMALE SUPÉRIEURE  
et  
CENTRE DE PHYSIQUE THEORIQUE DE L'ÉCOLE POLYTECHNIQUE

Liste des participants invités

Ilka BRUNNER, ETH, Zurich (Switzerland)  
Chris HULL, Imperial College, London (UK)  
Ken INTRILIGATOR, University of California, San Diego (USA)  
David KUTASOV, University of Chicago (USA)  
Hong LIU, MIT, Cambridge (USA)  
Dieter LÜST, LMU, Munich (Germany)  
Ioannis PAPADIMITRIOU, University of Swansea (UK)  
Angel PAREDES, University of Utrecht (Netherlands)  
Lisa RANDALL, Harvard University, Cambridge (USA)  
Bert SCHELLEKENS, NIKHEF, Amsterdam (Netherlands)  
Kostas SKENDERIS, University of Amsterdam (Netherlands)  
Jacob SONNENSCHHEIN, University of Tel-Aviv (Israël)  
Kellogg STELLE, Imperial College, London (UK)  
Shigeki SUGIMOTO, IPMU, Chiba (Japan)  
Marika TAYLOR, University of Amsterdam (Netherlands)  
Teodore TOMARAS, University of Crete, Heraklion (Greece)  
Paul TOWNSEND, University of Cambridge (UK)  
Dimitrios TSIMPIS, LMU, Munich (Germany)

**C. BACHAS, E. CREMMER, C. KOUNNAS**

Laboratoire de Physique Théorique  
de l'Ecole Normale Supérieure

**E. KIRITSIS**

Centre de Physique Théorique  
de l'Ecole Polytechnique

*Les séminaires auront lieu Salle de Conférences IV au  
Laboratoire de physique théorique de l'école normale supérieure  
24 rue Lhomond Paris(5ème)*

**Mardi 26 août**

**11h00 - Ken INTRILIGATOR** (University of California, San Diego, USA)  
*Surveying pseudomoduli: the good, bad, and incalculable*

**15h00 - Ilka BRUNNER** (ETH, Zurich Switzerland)  
*Interfaces and bulk perturbations of boundary Landau-Ginzburg theories*

**Mercredi 27 août**

**11h00 - Nikita NEKRASOV** (IHES, Bures-sur-Yvette, France)  
*Supersymmetric vacua and Bethe ansatz*

**15h00 - Marika TAYLOR** (University of Amsterdam, Netherlands)  
*Non-conformal holography*

**Jeudi 28 août**

**11h00 - Jacob SONNENSCHNEIN** (Tel-Aviv University, Israel)  
*HQCD - Shortcomings and other open questions*  
Based on paper arXiv:0806.0152

**15h00 - Kostas SKENDERIS** (University of Amsterdam, Netherlands)  
*The fuzzball proposal for black holes*  
Based on paper arXiv:0804.0552

**Vendredi 29 août**

**11h00 - Angel PAREDES** (University of Utrecht, Netherlands)  
*On unquenched holographic duals with massive flavors*  
Based on papers arXiv:0806.1741 and arXiv:0807.0298

**15h00 - Dimitrios TSIMPIS** (LMU, Munich, Germany)  
*AdS<sub>4</sub> in string theory*  
Based on papers hep-th/0412250, arXiv:0707.4270, arXiv:0804.0614 and arXiv:0806.3458

### Lundi 1er septembre

**15h00 - Lisa RANDALL** (Harvard University, Cambridge, USA)  
*Flavor from warped extra dimensions*

### Mardi 2 septembre

**11h00 - Shigeki SUGIMOTO** (IPMU, Chiba, Japan)  
*Baryons in holographic QCD*  
Based on papers hep-th/0412141, hep-th/0507073, hep-th/0701280 and arXiv:0806.3122

**15h00 - Hong LIU** (MIT, Cambridge, USA)  
*Quarkonium suppression in heavy ion collisions and string worldsheet instantons*

### Mercredi 3 septembre

**11h00 - Dieter LÜST** (LMU, Munich, Germany)  
*Seeing through the string landscape (a string hunter's companion)*

**15h00 - Bert SCHELLEKENS** (NIKHEF, Amsterdam, Netherlands)  
*RCFT orientifolds*

### Jeudi 4 septembre

**11h00 - David KUTASOV** (University of Chicago, USA)  
*Comments on  $N=2$  Chern-Simons Dynamics*  
Based on paper arXiv:0808.0360

**15h00 - Paul TOWNSEND** (DAMTP, Cambridge, UK)  
*SDiff gauge theory and the M2 condensate*  
Based on papers arXiv:0806.4777 and arXiv:0808.1583

### Vendredi 5 septembre

**11h00 - Kellogg STELLE** (Imperial College, London, UK)  
*M-theory on Calabi-Yau 5-folds*

**15h00 - Chris HULL** (Imperial College, London, UK)  
*Non-geometric backgrounds in string theory*