



# Fondation Francqui-Stichting

Fondation d'Utilité Publique - Stichting van Openbaar Nut

## ***Strings and Gravity : Typing the Forces Together***

***(Hotel Le Méridien, October 19-20-21, 2001)***

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### *Programme*

#### **Friday, October 19**

17:00 hours : Welcome drink and registration

#### **Saturday, October 20**

8:30 hours : Opening talks

Chair: Professor **Bernard de Wit** University of Utrecht, the Netherlands

8:45 hours : Professor **Michael Green**, Cambridge University, UK - *Correspondences between Yang-Mills and string theory in anti-de Sitter space*

9:40 hours : Professor **Joseph Polchinski**, University of California, Santa Barbara-USA - *Hard processes in gauge/gravity duality*

10:35 hours : Coffee Break

Chair: Professor **Robert Dijkgraaf** University of Amsterdam, the Netherlands

11:05 hours : Professor **Gary Gibbons**, Cambridge University, UK - *D-branes and new metrics of special holonomy*

12:00 hours : Professor **Jan de Boer**, Instituut voor Theoretische Fysica, the Netherlands - *D-branes in curved space"*

12:40 hours : Lunch

Chair: Professor **Constantin Bachas**, Lab. de Physique Théorique de l'Ecole Normale Supérieure, Paris-France

14:15 hours : Professor **Ariel Goobar**, Stockholm University, Sweden - *Supernovae and dark energy*

15:10 hours : Professor **Thibault Damour**, Institut des Hautes Etudes Scientifiques - Bures-sur-Yvette-France - *Superstring cosmology*

16:05 hours : Coffee Break

Chair: Professor **François Englert**, Université Libre de Bruxelles, Belgium

16:35 hours : Professor **Valerii A. Rubakov**, Institut for Nuclear Research - Moscow, Russia - *Exotic low energy physics with extra dimensions*

17:30 hours : End of Session

## Sunday, October 21

Chair: Professor **Adam Schwimmer**, Weizmann Institute, Rehovot- Israel

9:00 hours : Professor **Nathan Seiberg**, Institute for Advanced Study, Princeton-USA - *From big crunch to big bang*

9:55 hours : Professor **Stanley Deser**, Brandeis University, Waltham-USA - *Gauge invariance with mass: higher spins in cosmological spaces*

10:35 hours : Coffee Break

Chair: Professor **Herman Nicolai**, Max-Planck Institut für Gravitationphysik, Golm-Germany

11:05 hours : Professor **Pierre Ramond**, University of Florida Gainesville- USA - *Algebraic dreams*

11:45 hours : Professor **Claudio Teitelboim**, Centro de Estudios Científicos, Valdivia-Chile - *Relaxation of the cosmological constant*

12:30 hours : Lunch

Chair: Professor **Lars Brink** (Chalmers University of Technology, Göteborg-Sweden)

14:15 hours : Professor **Stephen W. Hawking**, Cambridge University, UK - *Living with ghosts*

15:10 hours : Professor **Andrew Strominger**, Harvard University, Cambridge-USA - *The DS/CFT correspondence*

16:05 hours : Coffee

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