

# SUPERSTRINGS AND TOPOLOGICAL STRINGS

2004 Simons Workshop in Mathematics and Physics

C.N. Yang Institute for Theoretical Physics  
and Department of Mathematics

**Stony Brook University, July 26 - August 27**

## Participants Include:

*Nathan Berkovits (Sao Paulo)*  
*Timothy Hollowood (Swansea)*  
*Sheldon Katz (Illinois)*  
*Greg Moore (Rutgers)*  
*David Morrison (Duke) \**  
*Nikita Nekrasov (Paris (IHES))*  
*Andrei Okounkov (Princeton)*  
*Hiroshi Ooguri (CalTech)*  
*Cumrun Vafa (Harvard)*  
*Nick Warner (USC) \**  
*Edward Witten (Princeton, IAS) \**  
*Shing-Tung Yau (Harvard)*

\* To be confirmed

**Scientific Advisor:** *Cumrun Vafa (Harvard)*

**Local Coordinator:** *Martin Roček*

## Local Participants:

<i>Alfred Goldhaber</i>	<i>Michael Anderson</i>
<i>Pietro Antonio Grassi</i>	<i>Mark de Cataldo</i>
<i>Vladimir Korepin</i>	<i>Detlef Gromoll</i>
<i>Martin Roček</i>	<i>Sascha Kirillov</i>
<i>Robert Shrock</i>	<i>Blaine Lawson</i>
<i>Warren Siegel</i>	<i>Claude LeBrun</i>
<i>George Serman</i>	<i>Misha Lyubich</i>
<i>Peter van Nieuwenhuizen</i>	<i>Sorin Popescu</i>
<i>William Weisberger</i>	<i>Dennis Sullivan</i>
<i>Pieter Jan De Smet</i>	<i>Leon Takhtajan</i>
<i>Henric Larsson</i>	<i>Alistair Craw</i>
<i>Michele Maltoni</i>	<i>John Terilla</i>
<i>Brenno Vallilo</i>	

The Simons Workshops focus on the intersection between physics and mathematics, particularly in the context of string theory. Topological strings have played a key role in many recent developments in string theory. This workshop will review the important progress in achieving a deeper understanding of topological strings of the past few years, and attempt to expand upon it.

For information: <http://insti.physics.sunysb.edu/itp/conf/simonsworkll/>

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Department of Mathematics