

# Contents

List of participants	vi
Introduction	vii
On the deformation theory of moduli spaces of vector bundles <i>V. Balaji &amp; P. A. Vishwanath</i>	1
Stable augmented bundles over Riemann surfaces <i>Steven Bradlow, Georgios Daskapoulos, Oscar García-Prada &amp; Richard Wentworth</i>	15
On surfaces in $\mathbf{P}^4$ and 3-folds in $\mathbf{P}^5$ <i>Wolfram Decker &amp; Sorin Popescu</i>	69
Exceptional bundles and moduli spaces of stable sheaves on $\mathbf{P}_n$ <i>J.-M. Drézet</i>	101
Floer homology and algebraic geometry <i>S. K. Donaldson</i>	119
The Horrocks–Mumford bundle <i>Klaus Hulek</i>	139
Faisceaux semi-stables et systèmes cohérents <i>J. Le Potier</i>	179
The combinatorics of the Verlinde formulas <i>András Szenes</i>	241
Canonical and almost canonical spin polynomials of an algebraic surface <i>Andrei Tyurin</i>	255
On conformal field theory <i>Kenji Ueno</i>	283