

## PAST RESEARCH STUDENTS

\* = part supervised

1. Simon Salamon 1980 *Quaternionic manifolds*
2. José Seade\* 1980 *The quotient of some classical groups by discrete subgroups and homotopy*
3. Simon Donaldson\* 1982 *The Yang-Mills equations on Kähler manifolds*
4. Jacques Hurtubise 1982 *Some problems linking algebraic and differential geometry*
5. Henrik Pedersen 1985 *Construction of Einstein metrics and Einstein-Weyl geometries*
6. Yat-Sun Poon 1985 *Compact self-dual manifolds with positive scalar curvature*
7. William Oxbury 1987 *Stable bundles and branched coverings over Riemann surfaces*
8. Andrew Dancer 1990 *Nahm's equations and hyperkähler geometry*
9. Oscar Garcia Prada\* *The geometry of the vortex equation*
10. Jorgen Ellegaard Andersen\* 1992 *Jones-Witten theory and the Thurston compactification of Teichmüller space*
11. Peter Scheinost<sup>†</sup> 1992 *Metaplectic quantization of the moduli spaces of flat and parabolic bundles*
12. Yuri Bozhkov 1992 *Specific complex geometry of certain complex surfaces and three-folds*
13. Peter Gothen 1995 *The topology of Higgs bundle moduli spaces*
14. David Calderbank 1995 *Geometrical aspects of spinor and twistor analysis*
15. Sergio Santa Cruz 1995 *Construction of hyperkähler metrics on complex coadjoint orbits*
16. Tamas Hausel 1998 *Geometry of the moduli space of Higgs bundles*
17. David Chatterjee 1998 *On the construction of abelian gerbs*
18. Peter Baldwin 1999  *$L^2$  solutions of Dirac equations*
19. Marcos Jardim\* 1999 *Nahm transform of doubly-periodic instantons*
20. Philip Boalch 1999 *Symplectic geometry and isomonodromic deformations*
21. Birte Feix 1999 *Hyperkähler metrics on cotangent bundles*

22. Justin Sawon 1999 *Rozansky-Witten invariants of hyperkähler manifolds*
23. Patrick Baier 2001 *Special Lagrangian Geometry*
24. Juhani Bonsdorff 2002 *Fourier transform for Higgs bundles*
25. Marco Gualtieri 2004 *Generalized complex geometry*
26. Gil Cavalcanti 2004 *New aspects of the  $dd^c$ -lemma*
27. Frederik Witt 2005 *Special geometric structures in 8 dimensions*
28. Daryl Noyce 2005 (M Sc)  *$L^2$ -harmonic forms on non-compact Ricci-flat manifolds*
29. Stuart Armstrong 2006 *Holonomy of Cartan connections*
30. Oliver Nash 2006 *Differential geometry of monopole moduli spaces*
31. David Baraglia 2010  *$G_2$  geometry and integrable systems*
32. Ana Cristina Ferreira 2010 *Riemannian geometry with skew torsion*
33. Steven Rayan 2011 *Geometry of co-Higgs bundles*

#### **CURRENT RESEARCH STUDENTS**

34. Laura Schaposnik *Spectral data for  $G$ -Higgs bundles*
35. Roberto Rubio
36. Jakob Blaavand