Curriculum Vitae

Dr. Ioannis D. Platis

Date of birth: 22 February 1966

Place of birth: Athens

Family status: Married, two children

Languages: English, French

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Current position

2007- : Assistant Professor, Department of Mathematics, University of Crete, Greece.

Research interests

Gometrical Analysis:

1. Complex analysis, theory of quasiconformal mappings of the plane.

2. Hyperbolic Geometry (Teichmüller space theory).

3. Complex hyperbolic and CR Geometry (Deformation theory of Fuchsian groups and theory of quasiconformal mappings of the Heisenberg group).

Education

1. 2000, February 3: PhD in Mathematics, University of Crete.

   Thesis: On the geometry of the space of quasi-Fuchsian deformations of a hyperbolic surface.

   Supervisor: Dr. Christos Kourouniotis.

2. 1994, June 30: MSc in Pure Mathematics, University of Crete.

   Thesis: On the Godbillon–Vey invariant.

   Supervisor: Dr. Constantine Athanassopoulos.

3. 1988, July 20: BSc in Mathematics, Aristotelean University of Thesaloniki.

Publications

1. *Complex hyperbolic quasi-Fuchsian groups.* Joint work with J.R. Parker. To appear in Proceedings of the 2007 Conference in Geometry of Riemann surfaces in Anogeia, a volume dedicated to the 65th birthday of W.J. Harvey, LMS.

2. *The* $\mathrm{PU}(2,1)$-*configuration space of four points in* S^3 *and the cross-ratio variety.* Joint work with E. Falbel. Mathematische Annalen, **(47)** Issue 2, 71–136, 2008.

3. *Quakebend deformations in complex hyperbolic quasi-Fuchsian space.* Geometry and Topology, **(12)** Issue 1, 431–460, 2008.

4. *Global, geometrical coordinates on Falbel's cross ratio variety.* Joint work with J.R. Parker. To appear in Canadian Mathematical Bulletin. University of Durham and Aristotle University of Salonica preprints, 2006.

   http://www.maths.dur.ac.uk/pure/

5. *Complex hyperbolic Fenchel-Nielsen coordinates.* Joint work with J.R. Parker. Topology, **(47)** Issue 2, 71–136, 2008.

6. *Open sets of maximal dimension in complex hyperbolic quasi-Fuchsian space.* Joint work with J.R. Parker. Journal of Differential Geometry **(73)** (2/3), 319-350, 2006.

7. *Remarks on the hyperbolic geometry of product Teichmüller spaces*, New Zealand Journal of Mathematics, **(35)** 85-107, 2006.

8. *Open sets of maximal dimension in complex hyperbolic quasi-Fuchsian space.* Joint work with J.R. Parker. (Research announcement). Proceedings of the 10th Panhellenic Conference on Mathematical Analysis, Athens (2004), 199–205.

9. *Hyperbolic geometry of product Teichmüller spaces* (Research announcement). Proceedings of the 9th Panhellenic Congress of Analysis, Chanea, Crete 2002.

10. *Complex symplectic geometry of Quasifuchsian space*, Geometria Dedicata **(87)** (1/3) 17-34, 2001.

11. *The complex symplectic geometry of the space of quasi-Fuchsian structures* (Research announcement). Proceedings of the 3rd Panhellenic Conference of Geometry, Athens 1998.

Preprints

[12] *The geometry ofcomplex hyperbolic packs.*

[13] *Complex hyperbolic Wolpert's formulae.*

[14] *Quasiconformal deformations of complex hyperbolic Schottky groups.*

[15] with J. R. Parker. *Degenerate complex hyperbolic Fenchel-Nielsen coordinates.*

[16] *Complex hyperbolic quasi-Fuchsian space of a compact $(0,3)$ group.*

Scholarships and fellowships

- March 2006-February 2007. Marie Curie European reintegration grant fellow. Contract No. MERG-CT-2005-028371.

  Aristotelean Univesrity of Thesaloniki.

  Publications 2, 3, 4 are results of this activity.

- January 2004-Decembers 2005. Marie Curie Intra-European fellow. Contract No. MEIF-CT-2003-500074.

  University of Durham, United Kingdom.

  Publications 5, 6, 8 are results of this activity.

- 1999-2001: Sholar of Secretariat General of Research and Technology, Contract No: K.A. 1261.

  Publications 7, 9 are results of this activity.

- 1998-1999: Stylianos Pichorides scholar, University of Crete.

Teaching experience

- Spring semester 2007-2008: Assistant Professor, Department of Mathematics, University of Crete.

- Winter semester 2007-2008: Visiting Lecturer, Department of Mathematics and Statistics, University of Cyprus.

- 2003-2004: Tutor, Department of mathematical Sciences, Durham University.

- 2002-2003: Visiting assistant professor, Department of Mathematics, University of Crete.

- 2001-2002: Visiting Lecturer, Department of Mathematics, University of Crete.

- 2000-2003 : Visiting Professor, School of Technological Sciences, Crete.

Talks (selected)

1. Conference for the 65th birthday of W.J. Harvey, Anogia Crete, July 2007.

2. (Invited) Université Paris VI (Pierre et Marie Curie), February 2007.

3. (Invited) University of Cyprus, December 2006.

4. (Invited) One day function theory meeting, London, Sept'ember 2005.

5. (Invited) University of Warwick, February 2005.

6. (Invited) University of Bern, January 2005.

7. (Invited) King's College, London, November 2004.

8. (Invited) University of Newcastle, October 2004.

9. (Invited) King's College, London, May 2004.

10. (Invited) Université d' Orleans, April 2000.

11. (Invited) Université Louis Pasteur, Strasbourg, October 1999.

12. (Invited) Université Paris-Sud XI, Orsay, October 1999.

13. Workshop on Riemann surfaces, Jerusalem, May 1999.

Miscellaneous

1. Reviewer for Mathematical Reviews.