

CURRICULUM VITAE

TEDI DRAGHICI

EDUCATION

Ph.D.	Michigan State University	Mathematics	1997
M.S.	University of Bucharest	Mathematics	1991
B.S.	University of Bucharest	Mathematics	1990

FULL-TIME ACADEMIC EXPERIENCE

Florida International University	Associate Professor	- 08/05 - present
Florida International University	Assistant Professor	- 09/00 - present
Northeastern Illinois University	Assistant Professor	- 09/97 - 08/00
Michigan State University	Teaching Assistant	- 09/91 - 07/97

REFEREED PUBLICATIONS

- [1] Vestislav Apostolov, Tedi Draghici and Andrei Moroianu, *The odd dimensional Goldberg conjecture*, Math. Nachr. 279 (2006), no. 9-10, 948–952.
- [2] Tedi Draghici, *Symplectic obstructions to the existence of ω -compatible Einstein metrics*, Differential Geometry and its Applications, 22 (2005), no. 2, 147–158.
- [3] Vestislav Apostolov and Tedi Draghici, *The curvature and the integrability of almost Kähler manifolds: a survey*, in “Symplectic and Contact Topology; Interactions and Perspectives”, 25-53, Fields Institute Communications, 35, American Mathematical Society, Providence, RI, 2003.
- [4] Vestislav Apostolov, John Armstrong and Tedi Draghici, *Local models and integrability of certain almost Kähler 4-manifolds*, Mathematische Annalen 323 (2002), 633-666.
- [5] Vestislav Apostolov, John Armstrong and Tedi Draghici, *Local rigidity of certain classes of almost Kähler 4-manifolds*, Annals of Global Analysis and Geometry, Vol. 21, 2002, 151-176.
- [6] Vestislav Apostolov, Tedi Draghici and Andrei Moroianu, *A splitting theorem for Kähler manifolds whose Ricci tensors have constant eigenvalues*, International Journal of Mathematics **12** (2001), 769–789.
- [7] Vestislav Apostolov and Tedi Draghici, *Almost Kähler 4-manifolds with J -invariant Ricci tensor and special Weyl tensor*, Quarterly Journal of Mathematics, Oxford series, 51 (2000), 275-294.
- [8] Vestislav Apostolov, Tedi Draghici and Dieter Kotschick, *An integrability theorem for almost Kähler 4-manifolds*, Comptes Rendues Acad. Sci. Paris, t. 329, ser. I (1999), 413-418.

- [9] Tedi Draghici, *Almost Kähler 4-manifolds with J-invariant Ricci tensor*, Houston Journal of Mathematics, Vol. 25, No.1, 1999, 133-145.
- [10] Vestislav Apostolov and Tedi Draghici, *Hermitian conformal classes and almost Kähler structures on 4-manifolds*, Differential Geometry and its Applications, 11 (1999), 179-195.
- [11] Tedi Draghici, *The Kähler cone versus the symplectic cone*, Bull. Math. Soc. Sci. Math. Roumanie (N.S.) 42(90) (1999), no. 1, 41–49.
- [12] Tedi Draghici, *Seiberg-Witten Invariants when Reversing Orientation*, Turkish Journal of Mathematics, Vol. 21, No. 1, 1997, 83-86.
- [13] Tedi Draghici, *On Some 4-Dimensional Almost Kähler Manifolds*, Kodai Mathematical Journal, Vol. 18, No. 1, 1995, 156-163.
- [14] Tedi Draghici, *On the Almost Kähler Manifolds with Hermitian Ricci Tensor*, Houston Journal of Mathematics, Vol. 20, No. 2, 1994, 293-298.
- [15] Tedi Draghici, *Pseudo-Riemannian Manifolds in Geodesic Correspondence*, (in Romanian) Studii si Cercetari Matematice, Vol. 43, No. 1-2, 1991, 25-36.

Paper in Proceedings

- 1. Tedi Draghici, *The Goldberg Conjecture and Other Related Problems for Almost Kähler Manifolds*, Proceedings of the National Geometry and Topology Conference, Timisoara, Romania, 1994, 105-117.

FUNDED RESEARCH

- 2001 FIU Summer research grant for proposal
Almost Kähler 4-manifolds with curvature symmetries, \$5000.
- 2002 FIU Summer research grant for proposal
Einstein metrics on compact symplectic manifolds, \$4000.
- 2004 FIU Summer research grant for proposal
Weyl curvature and almost Kähler geometry, \$4000.
- 99-02 Co-participant in the NSF grant INT-9903302 (P.I. David Blair, MSU).
Collaborative grant between three US and three Bulgarian mathematicians.

PRESENTATIONS AND LECTURES – outside residing department

- 1. *Integrability results for almost Kähler 4-manifolds*, invited seminar talk, Univ. of Minnesota, March 27, 2008.
- 2. *On the contact Goldberg conjecture*, 30 minutes invited talk, Special session “Geometric structures on manifolds”,

- AMS Sectional Meeting, Albuquerque, NM, October 2007.
3. *Weyl curvature and almost Kähler geometry*,
20 minutes invited talk, Special session “Interactions in Riemannian Geometry”,
AMS Sectional Meeting, Albuquerque, NM, October 2004.
 4. *Symplectic obstructions for the existence of ω -compatible Einstein metrics*,
20 minutes invited talk, Special session “Complex, Contact
and Quaternionic Geometry”, UMI-AMS Meeting, Pisa, Italy, June 2002.
 5. *Almost Kähler 4-manifolds with curvature symmetries*,
Geometry of low dimensional manifolds and special geometries,
1 hour invited talk, EDGE conference, Luminy, France, June 2002.
 6. *Kähler manifolds whose Ricci tensors have constant eigenvalues*,
20 minutes invited talk, Special session “Ricci curvature and related topics”,
AMS Sectional Meeting, Stevens Institute, Hoboken, NJ April 2001.
 7. *Almost Kähler 4-manifolds with curvature symmetries*,
seminar talk, University of Miami, February 2001.
 8. *Rigidity of certain classes of almost Kähler manifolds*, 1 hour invited talk,
4-th International Conference on Geometry, Varna, Bulgaria, August 1999.
 9. *On Donaldson’s moment map approach*,
2 seminar talks, Michigan State University, March 1999.
 10. *The Kähler cone versus the symplectic cone*, 30 minutes invited talk,
Geometry and Topology conference, Lehigh University, June 1998.
 11. *Hermitian conformal classes and almost Kähler structures*,
20 minutes talk, Special session, AMS Sectional Meeting,
Wayne State University, May 1997.
 12. *Seiberg-Witten Invariants when Reversing Orientation*,
1 hour talk, Geometry-Topology Conference, Gokova, Turkey, May 1996.
 13. *Seiberg-Witten Invariants on Complex Surfaces with the Reversed Orientation*,
20 minutes talk, Special session, AMS Sectional Meeting,
University of Iowa, March 1996.
 14. *Einstein and Critical Metrics on Symplectic Manifolds*,
1 hour talk, Midwest Geometry Conference, Washington University, June 1995.
 15. *Problems on Almost Kähler Manifolds*, 1 hour talk, International Workshop on
Complex Structures and Vector Fields, Sofia, Bulgaria, August 1994.
 16. *On the Goldberg Conjecture and Related Problems*, 1 hour talk,
National Geometry and Topology Conference, Timisoara, Romania, June 1994.