

**LIST OF PUBLICATIONS**  
**ALEXANDRA-IULIA OTIMAN**

**Accepted and published papers**

- (1) D. Angella, N. Istrati, **A. Otiman**, N. Tardini, “Variational problems in conformal geometry”, *Journal of Geometric Analysis*, 31(3), 3230-3251, 2021
- (2) N. Istrati, **A. Otiman**, M. Pontecorvo, “On a class of Kato manifolds”, *International Mathematics Research Notices (IMRN)*, Vol. 2021, No. 7, pp. 5366–5412
- (3) **A. Otiman**, M. Toma, “Hodge decomposition for Cousin groups and for Oeljeklaus-Toma manifolds”, *Annali della Scuola Normale Superiore Pisa Classe Scienze* (5), Vol. XXII (2021), 485-503
- (4) L. Ornea, **A. Otiman**, “A characterization of compact locally conformally hyperkähler manifolds”, *Annali di Matematica Pura ed Applicata*, Vol. 198 (2019), Issue 5, p. 1541-1549.
- (5) N. Istrati, **A. Otiman**, “De Rham and twisted cohomology of Oeljeklaus-Toma manifolds”, *Annales de l’Institut Fourier*, Vol. 69, no. 5 (2019), p. 2037-2066
- (6) D. Angella, **A. Otiman**, N. Tardini, “Cohomologies of locally conformally symplectic manifolds and solvmanifolds”, *Annals of Global Analysis and Geometry*, 53, no.1 (2018), p. 67-96.
- (7) **A. Otiman**, “Morse-Novikov cohomology of locally conformally Kähler surfaces”, *Mathematische Zeitschrift*, Vol. 289 (2018), Issue 1-2, p. 605-628.
- (8) **A. Otiman**, “Locally conformally symplectic bundles”, *Journal of Symplectic Geometry*, 16, no. 5 (2018), p. 1377-1408.
- (9) **A. Otiman**, Miron Stanciu, “Darboux-Weinstein theorem for locally conformally symplectic manifolds”, *Journal of Geometry and Physics*, 111C (2017), p. 1-5.
- (10) **A. Otiman**, “Currents on locally conformally Kähler manifolds”, *Journal of Geometry and Physics*, Vol. 86 (2014), p. 564–570.

**Thesis:**

- (1) “Conformal Geometry on Hermitian and Symplectic manifolds”, PhD thesis, 2017, University of Bucharest