Cezar Joiţa

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RESEARCH INTERESTS:

- Several Complex Variables

- Complex Geometry

EDUCATION:

- 1995 - 2000, Doctoral Program in Mathematics at SUNY at Buffalo, U.S.A. Ph.D. in Mathematics, June 2000. Advisor: Mohan Ramachandran.

- 1988 - 1993, The Faculty of Mathematics, University of Bucharest, Romania. Advisor: Martin Jurchescu.

EMPLOYMENT:

- 2004 - present: Researcher at the Institute of Mathematics "Simion Stoilow" of the Romanian Academy, Bucharest, Romania.

- 2002 - 2004: Everett Pitcher Visiting Professor at Lehigh University, U.S.A.

- 2000 - 2002: Postdoctoral Fellow at The University of Western Ontario, Canada.

- 1995 - 2000: Teaching Assistant, SUNY at Buffalo, U.S.A.

- 1993 - 1995: Researcher at Institute of Mathematics "Simion Stoilow" of the Romanian Academy, Bucharest, Romania.

SERVICES:

- Scientific Secretary, Institute of Mathematics of the Romanian Academy, 2012 - 2016.

- Member of the Romanian National Research Council, 2011 - 2013.

AWARDS:

- "Simion Stoilow" Prize of the Romanian Academy awarded in 2009 for papers published in 2007.

OTHERS:

- Marie Curie International Reintegration Grant, 2005 - 2007.

TALKS:

- *Bifurcation set of multi-parameter families of complex curves*, The singular side, Université de Lille, May 16 - 17, 2018.

- *Finite coverings of complex spaces by connected Stein open sets*, Complex Analysis and Geometry - XXIII, Levico Terme, 2017.

- *Bifurcation locus of polynomial maps*, Geometric Function Theory in Higher Dimension, Cortona, 2016.

- *Bifurcation set of families of complex curves*, Workshop for Young Researchers in Mathematics 6th edition, Constanţa, May 19 - 22, 2016

- *On the parametrization of germs of two-dimensional singularities*, Babes-Bolyai University, Cluj-Napoca, 2016

- *On coverings of 1-convex surfaces*, l'Institut de Mathématiques de Jussieu, Paris, 2015.

- *Covering complex spaces by finitely many connected Stein sets*, Université Lille 1, 2015.

- *Finite coverings of complex spaces by connected Stein open sets*, The Eighth Congress of Romanian Mathematicians, Iasi, 2015.

- *Analytic convexity - a short introduction*, Summer School in Cologne: Topics in Complex Analysis, Cologne, 2014.

- *Complex spaces with prescribed singular locus*, Gheorghe Bucur 75 Conference, Bucharest, 2014.

- *On the parametrization of germs of two-dimensional singularities*, Université Lille 1, 2013.

- *Stein spaces and open imersions in Stein spaces*, University of Bucharest, 2013

- *Coverings of a link singularity and q-convexity*, Université Lille 1, 2011.

- *On coverings of 1-convex surfaces*, Université Lille 1, 2011.

- *On the disk property of coverings of 1-convex surfaces*, The Seventh Congress of Romanian Mathematicians, Brasov, 2011.

- *Analytic convexity via lower dimensional objects*, The 10th International Workshop on Differential Geometry and its Applications Ovidius University, Constanta, 2011.

- *Coverings of 1-convex manifolds*, Constantin Bănică Memorial Conference, Bucharest, 2011.

- *Cohomological q-convexity in top degrees for Zariski open sets in $\mathbb{P}^n$*, Journée ”Lille-Bucuresti“, Lille, 2010.

- *Analytic convexity in complex manifolds*, The 18th conference on applied and industrial mathematics, Iaşi, 2010.

- *Generically strongly q-convex complex spaces*, IMAR 60 International Conference, Bucharest, 2009.

- *Extending Kähler metrics from subvarieties*, The 11th Romanian - Finnish Seminar, Alba-Iulia, 2008.

- *Generically strongly q-convex complex spaces*, Humboldt Universitat zu Berlin, Complex Analysis Seminar 2006

- *Polynomially convex domains are not characterized by intersections with complex lines*, Journée d'Analyse Géométrique ”Bucuresti-Lille” - Université Lille 1, 2006.

- *On a problem of Bremermann concerning Runge domains*, The Xth Romanian-Finish Seminar, Cluj-Napoca 2005

- *On a problem of Bremermann concerning Runge domains*, Humboldt Universitat zu Berlin, Complex Analysis Seminar 2005

- *Analytic Convexity*, IMAR Monthly Lectures, 2004.

- *A few observations regarding Runge pairs*, Syracuse University, 2004.

- *On uniformly Runge domains in a Stein manifold*, Lehigh University Geometry/Topology Conference, 2003.

- *An abstract notion of convexity*, Auburn University at Montgomery, 2003.

- *Different Notions of Convexity and Concavity in Complex Analysis*, Lehigh University, 2002.

- *The Third Cauchy-Fantappie formula of Leray*, University of Western Ontario, 2002.

- *The Third Cauchy-Fantappie formula of Leray*, SUNY at Stony Brook, 2002.

- *Convexity and Concavity in Complex Analysis*, Wichita State University, 2002

- *Traces of Convex Domains*, Complex Analysis Conference, University of Michigan, Ann Arbor, 2001

- *On Locally Hyperconvex Stein Domains*, Lehigh University Geometry/Topology Conference, 2001.

- *On Runge domains in $\mathbf{C}^n$*, University of Western Ontario, 2000.

- *On the n-concavity of Covering Spaces with Parameters*, AMS Meeting, Washington DC, 2000.

- *On the n-concavity of Covering Spaces with Parameters*, SUNY at Buffalo, 1999.

- *On the Projection of Runge domains*, Special Session on Complex Geometry, AMS Regional Meeting, Buffalo, 1998

- *Analytic Convexity and Vanishing Theorems*, SUNY at Buffalo, 1997.