Curriculum Vitae of Gabriel Calsamiglia Mendlewicz

Personal details

Born in Barcelona on 26/2/1976
Spanish nationality
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Address: Instituto de Matemática e Estatística
Universidade Federal Fluminense (UFF)
Rua Mário Santos Braga s/n
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Degrees

2005   PhD Thesis in Mathematics at IMPA (Rio de Janeiro, Brazil) under the supervision of P.Sad

1999   Bachelor in Mathematics at Universitat Autònoma de Barcelona (Spain)

Carreer

2006-today   Associate Professor of the Mathematical Institute at UFF

2011/12/13   Postdoc/sabbatical at Inst. de Math. de Toulouse (IMT, France) for 18 months

2005   Postdoc position at Universidade Federal do Rio de Janeiro (UFRJ, Brazil)

Publications

Finite determinacy of Dicritical Singularities in (C^2,0), Ann.Inst. Fourier 57,2 (2007), pp. 673-691

Singular sets of holonomy maps for algebraic foliations, with B. Deroin, S. Frankel and A. Guillot
Journal of the European Mathematical Society, Vol. 15(3), 2013, pp. 1067-1099

Branched projective structures with Fuchsian Holonomy, with B. Deroin and S. Francaviglia
Geometry & Topology 18 (2014), pp. 379-446

The oriented graph of multi-graftings in the Fuchsian case, with B. Deroin and S. Francaviglia
Publicacions Matemàtiques, vol. 58. Issue 1, (2014), pp. 31-46

Extension of holomorphic germs of foliations, with P. Sad, Ann. Fac. Sci. Toulouse, Ser. 6, 24 No. 3 (2015) , pp. 543-561

Classification of regular dicritical foliations, with Y. Genzmer , published online at Ergodic Theory and Dynamical Systems (2015),

Prepublications

A transfer principle: from periods to isoperiodic foliations, with B. Deroin and S. Francaviglia, arXiv:1511.07635 (2015)

The Rieman-Hilbert mapping for sl_2-systems over genus two curves, with B. Deroin, V. Heu and F. Loray, arXiv:1602.02273 (2016)

Research Activities

Speaker in around 50 seminars and conferences in America and Europe among which:

*Singularities and foliations in Honnour of J.F. Mattei's 60th birthday (*Toulouse, 2010)
*International conference on holomorphic foliations and complex dynamics (*Moscow, 2012)
Complex Dynamics' special session at the *Math. Congress of the Americas (*Guanajuato, 2013)
Analytic singular foliations session au *1st Joint meeting Brazil-Spain in Math.* (Fortaleza, '15)

Referee for *Jr. of Differential Equations, Ann. Institut Fourier, Jr. of Topology* and *IMRN*
Referee for the Phd Thesis of H. Coutinho (2008), C. Saccomori (2014) at UFRJ and K. Pedroso (2009) at PUC-RJ

Projects in progress: *Isoperiodic foliations on strata of abelian differentials,* with B. Deroin .
Intersection of an isoperiodic leaf with the non-generic stratum in genus two, with N. Hussenot.

Teaching Activities

Master's thesis of A. Gómez (2011) , G. Nascimento et M. Zamora (2015)

Complex analysis and geometry (90h course) for master's students at UFF (8 groups)

Calculus (70 h course) pour étudiants de bachalaureat à for undergraduate students (21 groups)

An introduction to complex dynamics (6 h) au CIMPA-School, IMCA, Lima, Peru (2006)

*Singularities of germs of holonomy (*5 h) à l'école d'éte de Ilyashenko, Dubna, Russie (2012)

Variables complejas y sus aplicaciones (25 h), à l'école d'été de l' Univ. de Holguín, Cuba (2015)

Administrative activities

International coordinator of the Math-Amsud Project *Dynamics and Holomorphic Foliations* of research cooperation between Brazil (UFF/CAPES), France(IMT/CNRS) and Perú (IMCA/CONACYT) in 2010-2012

Coordinator of *Primeiros Projetos* and Projetos *Emergentes* FAPERJ for the creation of a new research group in *Holomorphic Foliations and Complex Dynamics* at UFF, 2006-2010

Member of the scientific committee of the *Holomorphic foliations* session at 28th *Colóquio brasileiro de Matemática,* IMPA , 2011

Coordinator of the *Holomorphic foliations* seminar at UFF, 2006-2010
Member of *the Research and Teaching commission* at the Math Graduate School UFF, '14-'15
Coordinator of the Marhematics Library commission at UFF, 2009-2014

Languages
Spanish and Catalan as mother tongues
Portuguese, French and English spoken, read and written fluently
German at middle level