

Curriculum Vitæ

PERSONAL ADDRESS:

Giovanni Morando
Via Ravenna 13
35142 Padova
Italy

CIVIL STATUS:

Born on the 27th of July 1978 in Este (Padova, Italy)
Nationality: Italian
Single status
Relieved of military service

ACTUAL POSITION:

Postdoc at the Lehrstuhl für Algebra und Zahlentheorie
Augsburg University
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DEGREES

- 2002–2006: Phd in mathematics at the Università degli Studi di Padova and at the Université Pierre et Marie Curie, under the joint direction of A. D’Agnolo (Padova) and P. Schapira (Paris 6). Title of the thesis “*Tempered holomorphic solutions of \mathcal{D} -modules on a complex curve*”.
- 2001–2002: DEA (master degree) of Mathematics "Méthodes Algébriques" at the Université Paris 6. Mémoire de DEA written under the direction of P. Schapira. Title: *Derivation and Indization*.
- 30/11/2001: Laurea in Matematica at the Università degli Studi di Padova. Tesi written under the direction of A. D’Agnolo. Title: *Studio di Ind-fasce su varietà analitiche*. Mark: 110/110 cum laude.
- 1999–2000: Erasmus fellow at the University of Bristol (UK).

SCIENTIFIC POSITIONS

- 01/10/2010–30/09/2012: Marie Curie Postdoc fellow at the Research Institute for Mathematical Sciences (Kyoto, Japan, 12 months) and Dipartimento di Matematica Pura e Applicata (Padova, Italy, 12 months).
- 01/05/2009–30/09/2010: Postdoc at the Dipartimento di Matematica Pura e Applicata dell’Università degli Studi di Padova, Italy.
- 01/06/2008 – 30/04/2009: Post-doc at the Universidade de Lisboa, Portugal.
- 01/06/2007 – 31/05/2008: Postdoc at the Dipartimento di Matematica Pura e Applicata dell’Università degli Studi di Padova, Italy.
- 12/06 – 22/08/2007 : JSPS Summer Programme fellow at the University of Hokkaido, Japan.
- 01/2006 – 05/2007: ATER (post-doc with teaching duties) at the Université Pierre et Marie Curie, Paris, France.
- 01/2002 – 12/2005: PhD student at the Università degli Studi di Padova in a project of codirection PhD thesis between the Università degli Studi di Padova (Italy) and the Université Pierre et Marie Curie (France).

PAPERS

- G. Morando: *Constructibility of tempered solutions of holonomic \mathcal{D} -modules*. arXiv:1311.6621
Abstract: in this paper we prove the constructibility on the subanalytic sites of the sheaves of tempered holomorphic solutions of holonomic \mathcal{D} -modules on complex analytic manifolds. Such a result solves a conjecture of M. Kashiwara and P. Schapira (2003).

- G. Morando: *Preconstructibility of tempered solutions of holonomic \mathcal{D} -modules*. Int. Math. Res. Notices first published online November 28, 2012 doi:10.1093/imrn/rns247.
Abstract: in this paper we partially prove a conjecture of M. Kashiwara and P. Schapira (2003) on the constructibility of tempered solutions of holonomic \mathcal{D} -modules on complex manifolds.
- N. Honda, G. Morando: *Stratified Whitney jets and tempered ultradistributions on the subanalytic site*. To appear in the Bulletin de la Société Mathématique de France. [arXiv:0903.1714](#)
Abstract: in this paper we give a slightly modified definition of Whitney jets with growth conditions and tempered ultradistribution on real analytic manifolds in order to realize such objects as sheaves on the subanalytic sites. In the latter case the result holds only in dimension 2.
- G. Morando: *Tempered solutions of \mathcal{D} -modules on complex curves and formal invariants*. Annales de l’institut Fourier, 59 no. 4 (2009), p. 1611-1639. [arXiv:0712.0792](#)
Abstract: in this paper we prove that tempered solutions of holonomic \mathcal{D} -modules on complex curves give a fully faithful description of the formal invariants.
- G. Morando: *An existence theorem for tempered solutions of \mathcal{D} -modules on complex curves*. Publ. Res. Inst. Math. Sci., vol. 43, n.3, 625–659, 2007. [arXiv:math/0605507](#)
Abstract: in this paper we prove a conjecture of M. Kashiwara and P. Schapira (2003) on the constructibility of tempered solutions of holonomic \mathcal{D} -modules on complex curves.
- G. Morando: *Soluzioni olomorfe temperate di \mathcal{D} -moduli su curve analitiche*. Boll. UMI sez.A, La Matematica nella Società e nella Cultura, S. VIII, Vol X-A, 08/2007 (Fascicolo tesi di dottorato).

TALKS, SEMINARS AND POSTER SESSIONS (last 4 years)

in 2013	19/07	talk at the conference “Model Theory and Applications to Geometry” Lisbon, 18-19/07, Portugal;
	03/07	talk at “Algebraische Geometrie - Singularitätentheorie seminars”, Mannheim University, Germany;
	05/06	talk at “Algebra und Zahlentheorie seminars”, Augsburg University, Germany;
in 2012	05/09	talk at the Colloquium of Analysis of the Tsukuba University, Japan;
	02/08	talk at the workshop “Microlocal Analysis, Differential Equations and Related Topics” , University of Tokyo 02-03/08, Japan;
	08/03	talk at the conference “ <i>Microlocal Analysis and Its Development</i> ” in honour of Prof. Kataoka’s 60th birthday, 08-10/03, Nihon University, Japan;
	07/03	talk at the seminars of IPMU, Japan.
in 2011	16/02	talk at the conference “ <i>The 7th Kagoshima Algebra–Analysis–Geometry Seminar</i> ” 14-17/02, Kagoshima University, Japan;
	21/12	talk at “Algebraic Analysis seminars”, Kinki University, Japan;
	17/12	talk at the Nara University, Japan;
	08/12	talk at “Algebraic Analysis seminars”, Kinki University, Japan;
	30/09	talk at the conference “ <i>Iberian Meeting on Algebraic Analysis and Geometry</i> ” 28-30/09, Universidade de Lisboa, Portugal;
	28/03	talks at the workshop “Travaux de Kedlaya et Mochizuki sur la structure formelle des connexions méromorphes”, Luminy, France;
	25/03	talk at the seminars <i>Géométrie</i> , Université de Savoie, Chambéry, France;
	27/01	talk at the seminars of geometry of the Scuola Normale Superiore di Pisa, Italy;
in 2010	20/12	talks at the workshop “Kedlaya’s proof of Sabbah’s conjecture”, Padova, Italy;
	09/06:	talk at the seminars <i>Oberseminar: Algebra und Zahlentheorie</i> , Augsburg University, Germany;
	03/03:	talk at the seminars <i>Microlocal analysis</i> , Chiba University, Japan;
	01 – 02/03:	series of talks at the conference “ <i>Workshop on Microlocal Analysis and Related Topics</i> ” Nihon University, Japan;
	14 – 19/01:	series of talks at the conference “ <i>Singularidades irregulares y geometria derivada</i> ” Universidad de Los Andes, Colombia.

INVITATIONS

- 22/09 – 05/09/2010 invited researcher at the University of Hokkaido (Sapporo) and at the Research Institute for Mathematical Sciences (Kyoto), Japan;
- 07 – 12/06/2010 invited researcher at the Augsburg University, Germany;
- 05 – 30/01/2010 collaboration with E. Backelin, at the Universidad de Los Andes, Bogota, Colombia;
- from 01/02/2009 to 30/04/2009: collaboration with C. Sabbah at the École Polytechnique, Palaiseau, France;
- from 08/12/2008 to 13/12/2008: collaboration with J. Mozo Fernandez at the Universidad de Valladolid, Valladolid, Spain;
- from 05/09/2008 to 10/09/2008: collaboration with E. Backelin at the Universidad de los Andes, Bogota, Colombia;
- from 01/11/2007 to 30/11/2007: collaboration with T. Monteiro Fernandes at Centro de Álgebra da Universidade de Lisboa, Portugal;
- from 17/09/2006 to 23/09/2006 at the University of Hokkaido, Sapporo, Japan.

ORGANIZING ACTIVITY

- “*Higher Structures in Algebraic Analysis*”, Padua, February 10-21, 2014. Scientific and Organizing Committee.
- “*Algebraic Analysis and Geometry*”, 23-24 September 2013 Padova. Talks from researchers in the domain. Organizing Committee.
- “*Recent trends in Algebraic Analysis*”, Padua, February 19-23, 2013. Several talks from researchers in the domain of Algebraic Analysis. About 50 participants. Organizing Committee.
- “*Semaine Dérivée, les catégories dérivées et leur applications*”, Paris 17 – 21/01/2005. Four short courses and several talks from researchers on the topic. About 80 participants. Organizing Committee.

TEACHING RESPONSIBILITIES

- 2014 : “Hodge theorie”, Master student seminar, Augsburg.
- 2013 : “An introduction to the theory of D-modules”, PhD course, Padova;
- 2011 : “Complex analysis”, ALGANT Master Program, Padova;
“Algebra and geometry” 1st year engineering, Padova;
- 2006 : exercices for the lectures “Analyse vectorielle, intégrales multiples”, 2nd year, engineering, Paris 6;
- 2005 : exercices for the lectures “Fonctions de plusieurs variables”, 2nd year, engineering, Paris 6;
- 2002 : exercices “Mathematics”, 1st year, chemistry, Padova.

LANGUAGES

- Italian: mother tongue;
- English: read, written, spoken;
- French: read, written, spoken;
- Spanish: read, written, spoken.