

V Iberoamerican Congress on Geometry
10 - 13 December 2010

	Friday	Saturday	Sunday	Monday
9:30-10:30		Conference JANE GILMAN	Conference GAVRIL FARKAS	Conference ALBERTO VERJOVSKY
10:45 - 11:15	Registration	Special Session SS3 - SS4 - SS5 - SS6	Special Session SS2 - SS4 - SS5 - SS6	Special Session SS3 - SS4 - SS5 - SS6
11:15 - 11:45		Coffee Break	Coffee Break	Coffee Break
11:45 - 12:45		Conference IGOR KRICHEVER	Conference FRANCISCO PLAZA	Conference LAURA DEMARCO
13:00 - 15:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break
15:00 - 16:00	Conference ARNAUD BEAUVILLE	Conference MOTOHICO MULASE	Conference RICCARDO SALVATI	Special Session SS1 - SS2 - SS5 - SS6
16:15 - 17:15	Special Session SS2 - SS3 - SS4 - SS5	Special Session SS1 - SS2 - SS5 - SS6	Special Session SS1 - SS3 - SS4 - SS5	Special Session SS3 - SS5 - SS4 - SS6
17:15 - 17:45	Coffee Break	Coffee Break	Coffee Break	
17:45 - 18:45	Conference GONZALO RIERA	Conference DANIEL HERNANDEZ	Conference VICTOR GONZALEZ	
19:00 - 20:00	Opening Ceremony		Social Event Official Dinner	

SS1 Riemann surfaces - SS2 Algebraic surfaces - SS3 Abelian varieties and Theta functions
SS4 Kleinian groups - SS5 Moduli Problems - SS6 Higher dimensional Algebraic Geometry

CONFERENCES

- Arnaud Beauville - *Jacobians among abelian threefolds*
- Laura DeMarco - *Polynomial dynamics and the moduli space*
- Gavril Farkas - *Green's Conjecture on syzygies of canonical curves*
- Jane Gilman - *Kleinian Groups and the geometry of the non-euclidean euclidean algorithm*
- Víctor González-Aguilera - *On smooth cubic hypersurfaces*
- Daniel Hernández Ruipérez - *Singular integral functors and Fourier-Mukai partners*
- Igor Krichever - *Intertable systems and algebraic geometry*
- Motohico Mulase - *Topological Recursion in Gromov-Witten Theory*
- Francisco Plaza-Martín - *Uniformization of the moduli space of pairs consisting of a curve and a vector bundle*
- Gonzalo Riera - *Isometric imbeddings of hyperbolic spaces and Riemann surfaces*
- Ricardo Salvati Manni - *Calabi-Yau Siegel threefolds*
- Alberto Verjovsky - *A smooth codimension-one foliation of the 5-sphere by symplectic leaves*

SESSIONS PROGRAM

SS1 - RIEMANN SURFACES

SATURDAY 16:15 — 17:15

- David Torres - *Uniform dessins, arithmetic triangle groups and quaternion algebras*
- Jurgen Wolfart - *Arithmetic and Geometry around the Singerman Inclusions*

SUNDAY 16:15 — 17:15

- Gareth Jones - *Beauville surfaces and finite groups*
- Milagros Izquierdo - *Spaces of Cyclic p -gonal Riemann Surfaces with Two p -gonal Morphisms*

MONDAY 16:00 — 17:00

- Nicola Pagani - *On the Inertia of moduli of curves*
- Yolanda Fuertes - *On Unbranched non-normal degree four covering of Hyperelliptic Riemann surfaces*

SS2 - ALGEBRAIC SURFACES

FRIDAY 16:15 — 17:15

- Alessandra Sarti - *Automorphisms of $K3$ surfaces, holomorphic symplectic manifolds and Enriques varieties*
- Giuseppe Borrelli - *On a family of minimal surfaces of general type with $p_g = q = 1$, $K^2 = 6$*

SATURDAY 16:15 — 17:15

- Lidia Stoppino - *Galois closures and Lagrangian varieties*
- Hisanori Ohashi - *$K3$ surfaces and log del Pezzo surfaces of index three*

SUNDAY 10:45 — 11:15

- Giancarlo Urzúa - *The random surfaces of a projective curve*

MONDAY 15:00 — 15:30

- Damiano Testa - *Rational surfaces with pseudo-effective anticanonical divisor*

SS3 - ABELIAN VARIETIES AND THETA FUNCTIONS

FRIDAY 16:15 — 17:15

- Samuel Grushevsky - *The class of the locus of intermediate Jacobians of cubic threefolds*

SATURDAY 10:45 — 11:15

- Alvaro Rittatore - *The endomorphisms monoid of a homogeneous vector bundle*

SUNDAY 16:15 — 17:15

- Cícero Carvalho - *Weierstrass semigroups and Groebner basis for the ideals of affine curves*
- Victor Lozovanu - *Regularity of smooth curves in biprojective spaces*

MONDAY 10:45 — 11:15

- James S. Wolper - *The Information-Theoretic Schottky Problem*

MONDAY 16:15 — 17:15

- Emma Previato - *Split Jacobians and Higher-Genus AgM*

SS4 - KLEINIAN GROUPS

FRIDAY 16:15 — 17:15

- Moon Duchin - *Isoperimetric problems in the mapping class group*
- David Dumas - *Skinning maps are finite-to-one*

SATURDAY 10:45 — 11:15

- Moira Chas - *Math. Combinatorial length, geometric length and self-intersection of curves on surfaces*

SUNDAY 10:45 — 11:15

- Kevin Pilgrim - *Math. Dynamics of Thurston's pullback map on the Weil-Petersson boundary*

SUNDAY 16:15 — 17:15

- Richard Canary - *Moduli spaces of hyperbolic 3-manifolds and dynamics on character varieties*

MONDAY 10:45 — 11:15

- James W. Anderson - *Separating geodesics in hyperbolic 3-manifolds*

MONDAY 16:15 — 17:15

- Kasra Rafi - *Coarse differentiation and the rank of Teichmüller space*
- Ara Basmajian - *Universal length bounds for non-simple closed geodesics*

SS5 - MODULI PROBLEMS

FRIDAY 16:15 — 17:15

- Steven Weintraub - *Involutions, Humbert Surfaces, and Divisors on a Moduli Space*

SATURDAY 10:45 — 11:15

- Leticia Brambila Paz, - *(k, l) -stability*

SATURDAY 16:15 — 17.15

- Luis Alvarez-Consul - *Moduli of quiver sheaves*
- Herbert Lange - *Clifford indices of vector bundle on algebraic curves*

SUNDAY 10:45 — 11:15

- Elham Izadi - *Counter-examples of high Clifford index to Prym-Torelli*

SUNDAY 16:15 — 17:15

- Eduardo de Sequeira Esteves - *The class of stable hyperelliptic curves of genus 3*
- Gerriet Martens - *Curves with all Weierstrass points of maximal weight*

MONDAY 10:45 — 11:15

- Gert-Martin Greuel - *Invariants and Local Moduli of Singularities in Positive Characteristic*

MONDAY 15:00 — 17:15

- Florent Schaffhauser - *Moduli of real and quaternionic vector bundles over a curve*
- Edoardo Sernesi - *General curves on algebraic surfaces*
- Angela Ortega - *Prym varieties of non-cyclic triple coverings*
- Tomás Gómez - *Torelli Theorems*
- Mihnea Popa - *Derived equivalence and the Picard variety*

SS6 - HIGHER DIMENSIONAL ALGEBRAIC GEOMETRY AND APPLICATIONS

SATURDAY 10:45 — 11:15

- Roya Beheshti-Zavareh - *The geometry of spaces of rational curves in complete intersections*

SATURDAY 16:15 — 17:15

- Juergen Hausen - *Algebraic torus actions of complexity one*
- Alvaro Liendo - *Normal singularities with torus action*

SUNDAY 10:45 — 11:15

- Enrique Arrondo - *Reformulations of Hartshorne's conjecture*

MONDAY 10:45 — 11:15

- Ivan Cheltsov - *Exceptional singularities*

MONDAY 15:30 — 17:15

- Samuel Boissiere - *Automorphisms of irreducible holomorphic symplectic varieties*
- Jihun Park - *Slopes of smooth curves on Fano manifolds*
- Victor Przyjalkowski - *Weak Landau-Ginzburg models for Fano threefolds and their properties*