



14th ALGA Meeting

Commutative Algebra and Algebraic Geometry

IMPA, Rio de Janeiro - February 6-10, 2017

We hereby certify that, **Abdelmoubine Amar Henni**, IMECC, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Framed sheaves on multi-blow-ups**”.

Rio de Janeiro, February 10th, 2017

A handwritten signature in blue ink that reads "Carolina B. Araujo".

Carolina B. Araujo
Organizing Committee

A logo celebrating 20 years, featuring the number "20" in a stylized, green, 3D font above the word "years" in a green, lowercase, sans-serif font. The background is a green field with a dirt path.

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We hereby certify that, **Alessio Corti**, Imperial College London, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Embedding toric varieties in toric varieties**”.

Rio de Janeiro, February 10th, 2017

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20
years

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We hereby certify that, **Alex Massarenti**, **Universidade Federal Fluminense**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**The F-conjecture for GIT configurations of points**”.

Rio de Janeiro, February 10th, 2017

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Organizing Committee

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We hereby certify that, **Aron Simis**, **Universidade Federal de Pernambuco**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work:
“Degenerações do determinante genérico e suas propriedades algébricas”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Atoshi Chowdhury, University of California at Berkeley**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Two approaches to compactifying the relative Picard scheme over degenerations of varieties**”.

Rio de Janeiro, February 10th, 2017

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Carolina B. Araujo
Organizing Committee

A logo celebrating 20 years, featuring the number "20" in a large, green, 3D-style font with a grid pattern, and the word "years" in a smaller, green, sans-serif font below it.

20
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We hereby certify that, **Cecilia Salgado, Universidade Federal do Rio de Janeiro**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work:
“Conic bundles on rational elliptic surfaces and elliptic fibrations on K3 surfaces”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Douglas Ulmer, Georgia Institute of Technology**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Rational curves on elliptic surfaces**”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Ethan Cotterill**, **Universidade Federal Fluminense**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work:
“Secant-exceptional linear series via elliptic chains”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Fabien Pazuki, Copenhagen University**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Bad reduction of curves with CM jacobians**”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **José Naéliton Marques da Silva**, Universidade Federal da Paraíba - João Pessoa, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: **“Cohen-Macaulayness and canonical module of residual intersections”**.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Juliana Coelho Chaves, Universidade Federal Fluminense**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**On the gonality of stable curves**”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Letterio Gatto, Politecnico di Torino**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “ **gl_{∞} -modules and not gl^1_{∞} -modules**”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Luciane Quoos Conte**, **Universidade Federal do Rio de Janeiro**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Algebraic Geometric Codes on Kummer Extensions**”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Marcelo Escudeiro Hernandes**, **Universidade Estadual de Maringá**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: **“On the module of Kähler differentials of a plane curve”**.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, ***Maria Pe Pereira***, **Universidad Complutense de Madrid**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work:
“Tête-à-tête graphs and quasi-periodic diffeomorphisms”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Oliver Lorscheid**, Instituto Nacional de Matemática Pura e Aplicada, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Matroids in tropical geometry**”.

Rio de Janeiro, February 10th, 2017

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We hereby certify that, **Parham Salehyan, Universidade Estadual Paulista - São José do Rio Preto**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**On a criterion characterizing Grassmann Cones**”.

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We hereby certify that, **Severino Collier Coutinho**, **Universidade Federal do Rio de Janeiro**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**On a problem of Poincaré**”.

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We hereby certify that, **Seyed Hamid Hassanzadeh Hafshejani**, **Universidade Federal do Rio de Janeiro**, participated in the 14th ALGA - Álgebra Comutativa e Geometria Algébrica, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA - Rio de Janeiro, from February 6th to 10th, 2017 and presented the following work: “**Almost complete intersections with small multiplicities**”.

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