

## *Adrian Constantinescu - In Memoriam*

This commemorative words pay tribute to the memory of Adrain Constantinescu. Their goal is to focus the energies of our colleagues, through honoring and remembering the past Romanian mathematicians which made a difference in the field with talent and dedication.

Adrian Constantinescu was born in 1947 and passed away on January 1, 2017, at nearly 70 years, which he would have celebrated on February 15.

Adrian was born in Pitești, a place to which he was tied up to the end of his life, having strong connections with the State University of this city. As schoolboy, he studied at the Music School (violin class), and showed himself as an omnivorous reader. Although he later (as a student) devoted himself to mathematics and attended the courses of the Faculty of Mathematics at University of Bucharest, he stayed concerned with music studies, and unofficially attended in parallel conservatory courses (conducting and counterpoint). Adrian Constantinescu obtained his Ph. D. in Mathematics under the direction of Prof. Gheorghe Galbură in the field of Algebraic Geometry, a domain he has not left till the end of his life. His affiliation for almost thirty five years was the "*Simion Stoilow*" Institute of Mathematics of the Romanian Academy (IMAR).

As a mathematician, Adrian Constantinescu primarily dealt with a classical problem formulated by Hilbert at the 1900 Mathematical Congress (Hilbert's XIVth Problem); details can be found in widely known references<sup>1</sup>. The answer to this Problem turned out to be negative, according to the Japanese mathematician Nagata; still, various related openings had yet to be developed, and a series of five IMAR preprints (subsequently published in specialized journals or in the Proceedings of the Conferences which Constantinescu and Nagata attended) was further reviewed for Mathematical Reviews by Nagata.

Adrian Constantinescu actively took part (including presentations) in the Algebraic Geometry Seminar, which took place at the Faculty of Mathematics of University of Bucharest, then at the "*Simion Stoilow*" Institute of Mathematics of the Romanian Academy.

The outstanding contributions which Adrian Constantinescu provided in Algebraic Geometry and his ability to address and master new topics, his significant contributions, made him well known to the Romanian mathematical community. His last research team to which he adhered was from University "*Politehnica*" of Bucharest, where he made research on „group structures on Folium of Descartes”.

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<sup>1</sup> E.g., M. Nagata: *Lectures on The Fourteenth Problem of Hilbert*, Tata Inst. of Fundamental Research, Bombay (Mumbai), India, 1965.

He has also presented lectures in Algebraic Geometry, Hodge Theory and, at more elementary level, Linear Algebra and Calculus at: University of Bucharest, University Politehnica of Bucharest, University of Pitești and University of Alba Iulia.

Adrian Constantinescu was invited to Conferences organized in Romania and abroad, presenting several lectures. As well, at the CAIM Conference series, at the ICTAMI event from Alba Iulia and at the DGDS Conference from University Politehnica of Bucharest, he was a member of the Scientific and Organizing Committee.

Dr. Ovidiu Pasarescu<sup>2</sup> and Prof. Emeritus Dr. Constantin Udriște<sup>3</sup>

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(from left to right) Sci Res. of I-st degree **Adrian Constantinescu**, Prof. Dr. Livia Bejan, Educator Vasilica Constantinescu, Ing. Aneta Udriște, Prof. Emeritus Dr. Constantin Udriște.

*Visit to the Balcic Botanic Garden, together with the participants of The International*

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*Conference Differential Geometry - Dynamical Systems, Mangalia 2014.*