V Non-Associative day in Barcelos

Instituto Politécnico do Cávado de Ave (Barcelos, Portugal)

by **Natália Maria Rego*,****

The *V Non-Associative Day in Barcelos* belongs to a series of activities aiming to bring together researchers interested in non-associative algebras and related topics, with a central goal of increasing the quality of research, promoting interaction among researchers, and discussing new directions for the future.

The Organizing Committee of this event was constituted by members of CMUP in collaboration with the following members of the research centers CMA-UBI and CMUC. Moreover, these members represented Portuguese higher education institutions.

Natália Rego, **Teresa Abreu**
CMUP – Instituto Politécnico do Cávado de Ave

Ivan Kaygorodov
University of Beira Interior; CMA-UBI

Amir Fernandez Ouaridi
CMUC – Universidade de Coimbra

The workshop was held at the *Polytechnic Institute of Cávado and Ave*, on January 20 and had the participation of seven invited speakers,

This event was supported by CIM – Centro Internacional de Matemática.

*   In behalf of the Organizing Committee

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Program

10.00
Saïd Benayadi
Université de Lorraine-Metz, France
On pseudo-Euclidean Lie algebras whose Levi-Civita product is left Leibniz

11.00
Ignacio Bajo
Universidade de Vigo, Spain
Nilpotent pseudo-Hermitian quadratic Lie algebras

12.00
Lunch

15.00
Jorge Garces
Universidad Politécnica de Madrid
On the strict topology of the multipliers of a JB*-algebra

16.00
Daniel Fox
Universidad Politécnica de Madrid, Spain
Partial and quantitative associativity conditions and trace-forms

17.00
Coffee Break

17.30
Esther García González
Universidad Rey Juan Carlos, Spain
The filtration associated to an abelian inner ideal

18.00
Pedro Lopes
CAMGSD—Universidade de Lisboa, Portugal
Quandles and their profiles

19.00
Mykola Khrypchenko
CMUP—Universidade do Porto, Portugal
Transposed Poisson structures on Block Lie algebras and superalgebras

21.00
Dinner