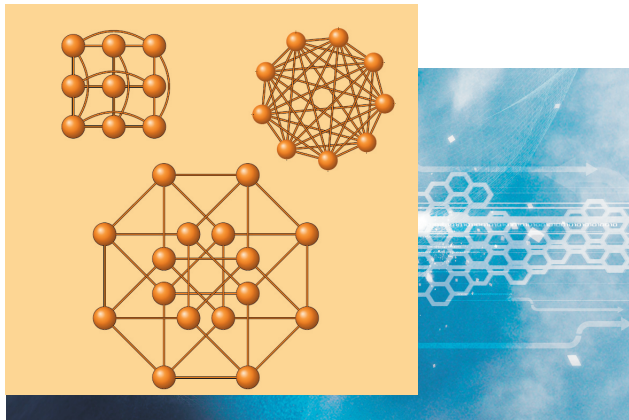


Computer Algebra Aspects Finite Rings and Their Applications



Special Session at the
20th International Conference on
Applications of Computer
Algebra 2014.

<http://faculty.fordham.edu/rlewis/aca2014/>

Fordham University

July 9th – 12th, 2014, New York City, USA.

CAFRTA

Call For Papers and Participation

This is the first edition of a special session at ACA conference devoted to providing a forum for exchange of ideas and research results related to Computer Algebra Aspects of Finite Rings in a broad sense and also to their applications.

Session topics will include (but are not limited to) the following:

Computer Algebra and Finite Rings

Computer representation and computation over finite rings and polynomial rings over finite rings. C.A. software and development of packages devoted to finite rings and related structures ...

Applications of Finite Rings

Applications to Combinatorics, Finite Geometries, Analysis of Algorithms, Algebraic Cryptography and Coding Theory, Linear and Polylinear Recurrence Sequences ...

It is planned to have 6-10 1/2 hour contributed talks in the session. Submissions of 2-page extended abstracts should be sent to the session organizers following the ACA 2014 deadline guidelines. The submitted extended abstracts will be reviewed for soundness and relevance to the session.

Authors of the extended abstracts accepted will be invited to submit their full revised papers for publication in a special issue of some mayor journal related to the topic.

Check ACA2014 and the Session web pages for further info

Session Organizers:

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<http://www.singacom.uva.es/~edgar/caafirta2014/> (will be available soon)