Fq10 GHENT

The 10th International Conference on Finite Fields and their Applications

Ghent, Belgium

July 11-15, 2011

http://cage.ugent.be/fq10/

In honour of the 2^6-th birthday of Gary L. Mullen

Second Announcement

We kindly invite you to participate to **The 10th International Conference on Finite Fields and their Applications Fq10**, that will take place in Ghent, Belgium, July 11-15, 2011.

Started in 1991 with the organisation of the First International Conference on Finite Fields and their Applications in Las Vegas, USA, Fq10 wishes to continue the tradition of gathering a great number of researchers on finite fields.

Conference topics: include, but are not limited to:

- **Field-theoretic aspects of finite fields:** structure of finite fields, normal bases, polynomials, primitive elements, number-theoretic aspects of finite fields, exponential sums, arithmetic theory of function fields.

- **Computational aspects:** algorithms and complexity, polynomial factorization, decomposition and irreducibility testing, sequences and functions.

- **Applications:** algebraic coding theory, cryptography, affine and projective geometry over finite fields, algebraic geometry over finite fields, finite incidence geometry, designs and configurations, difference sets, combinatorics, generalisations of finite fields.

Invited speakers:

- Joachim von zur Gathen, Bonn-Aachen International Center for Information Technology

- Tor Helleseth, University of Bergen

- Tanja Lange, Technische Universiteit Eindhoven

- Olga Polverino, Seconda Università degli Studi di Napoli

- Michael Rosen, Brown University

Contributed talks:

We offer the participants the possibility to give a 20 minutes talk. Please submit a one-page abstract using the style-file provided on the website of the conference. The deadline for submission of the abstract is June 1, 2011.
The scientific committee will review the submitted abstracts.

Proceedings:

The proceedings of the conference will appear in the series *Contemporary Mathematics*, published by the *American Mathematical Society*. All participants will be invited to submit original papers related to the talk presented at the conference. The submitted articles will be strictly refereed. Deadline for submission is August 15, 2011.

Scientific Committee:

Simeon Ball	Michel Lavrauw	Gary McGuire
Gary Mullen	Harald Niederreiter	Svetla Nikova
Daniel Panario	Bart Preneel	Igor Shparlinski
Leo Storme (Chair)		

Local Organising Committee:

Jan De Beule	Frank De Clerck (Chair)	Yves Edel
Michel Lavrauw	Svetla Nikova	Bart Preneel
Leo Storme		

Further information and contact info:

All further information regarding the conference is available on the website:

http://cage.ugent.be/fq10/

Participants are requested to arrange their own lodging. **We strongly advise the participants to book their hotel accommodation as quickly as possible.** On the website of the conference, you will find links to hotels.
It is possible to register to the Fq10 mailing list by sending an email to the conference email address:

Fq10@cage.ugent.be

Registration:

The registration fee for participants is 130 EUR. Participants and/or accompanying persons wishing to attend the conference dinner pay 50 EUR for the dinner. The registration should be made via the conference website.
As soon as the financial department of Ghent University confirms your payment, we will acknowledge your payment and registration by email. Only after receiving this confirmation email, your registration is complete.

Deadlines:

Submission of a one-page abstract: **June 1, 2011**.
Deadline for registration: **June 1, 2011**.