

Opportunities related to Finite Fields and Their Applications

Daniel Panario Ivelisse Rubio

MCA 2013, August 9, 2013

Outline

- 1 Conferences
- 2 Semesters
- 3 Schools
- 4 Workshops
- 5 Journals
- 6 Recent Books
- 7 Positions

Conferences

- Fq12 (Finite Fields and their Applications Conference)
Summer 2015

<http://www.math.uni-magdeburg.de/~fq11/>

- Random Network Codes and Designs over $GF(q)$:
September 18 - 20, 2013, Ghent (Belgium).

<http://cage.ugent.be/cost/>

- Other conferences:
SETA (SEquences and Their Applications, Melbourne 2014)

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Special Semester on Applications of Algebra and Number Theory

October 14 - December 13, 2013, Linz (Austria)

<http://www.ricam.oeaw.ac.at/specsem/specsem2013/>

Includes tutorials, special lectures and 4 workshops:

- Uniform distribution and quasi-Monte Carlo methods:
October 14-18, 2013
- Algebraic curves over finite fields:
November 11-15, 2013

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- XXIII Brazilian Algebra Meeting
2014, Maringá, Paraná, Brazil.
- CIMPA School in Finite Fields
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Workshops

- Polynomials over Finite Fields: Functional and Algebraic Properties:
May 19-23, 2014, CRM, Belaterra (Spain).

<http://www.crm.cat/en/Activities/Pages/ActivityFoldersAndPages/>

- Workshop on the Occasion of Harald Niederreiter's 70th Birthday: Applications of Algebra and Number Theory:
June 23 - 27, 2014, Linz (Austria).

<http://www.ricam.oeaw.ac.at/events/workshops/hn70/>

- Workshop on Coding Theory and Cryptography (WCC 2015)

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Journals

- Finite Fields and Their Applications (FFA)

<http://www.journals.elsevier.com/finite-fields-and-their-applications/>

- Special issue of FFA celebrating its 20th birthday.
- Applicable Algebra in Engineering, Communication and Computing (AAECC)

<http://www.springer.com/computer/theoretical+computer+science/journal/200>

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- Designs, Codes and Cryptography

`http://link.springer.com/journal/10623`

- Mathematics of Computation

`http://www.ams.org/publications/journals/
journalsframework/mcom`

- IEEE Transactions on Information Theory, or on
Communications, or on Computers

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Recent Books

- Handbook of Finite Fields (2013)
by Gary Mullen and Daniel Panario

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[//www.crcpress.com/product/isbn/9781439873786](http://www.crcpress.com/product/isbn/9781439873786)

- Hardware Implementation of Finite-Field Arithmetic (2009) by
Jean-Pierre Deschamps, José Luis Imaña and Gustavo Sutter

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<http://press.princeton.edu/titles/8702.html>

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<http://www.ams.org/bookstore-getitem/item=STML-41>

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Positions

- Tanja Lange's group

<http://jobs.tue.nl/en/job/tenure-track-position-assistant-professor-coding-theory-or-cryptography-10-fte-168016.html>

- University of São Paulo at São Carlos:

http://www.icmc.usp.br/CMS/Arquivos/arquivos_enviados/ATAC_153_056_2013SMA-Site.pdf

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