OAMS
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AMS Sectional Meeting Program by Special Session

Current as of Saturday, April 11, 2009 00:27:58

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2009 Spring Southeastern Section Meeting
Raleigh, NC, April 4-5, 2009 (Saturday - Sunday)
Meeting #1048

Associate secretaries:
Matthew Miller, AMS miller@math.sc.edu

Special Session on Commutative Rings and Monoids

- **Saturday April 4, 2009, 8:00 a.m.-10:50 a.m.**

  Special Session on Commutative Rings and Monoids, I

  Room 301, Riddick Hall

  Organizers:

  Scott T. Chapman, Sam Houston State University scott.chapman@shsu.edu

  James B. Coykendall, North Dakota State University

  - 8:00 a.m.

    Intersections of valuation overrings of two-dimensional Noetherian domains.

    Bruce M Olberding*, New Mexico State University

    (1048-13-266)

  - 8:30 a.m.

    Star and semistar operations in polynomial extensions.

    Marco Fontana*, Universita' degli Studi Roma Tre, Rome, Italy

    Gyu Whan Chang, University of Incheon, Republic of Korea

    (1048-13-151)

  - 9:00 a.m.

    Prime ideals in two-dimensional domains.

    Roger A Wiegand, University of Nebraska Lincoln

    Sylvia M Wiegand*, University of Nebraska Lincoln

    (1048-13-284)

  - 9:30 a.m.

    Pointwise minimal extensions.

    Paul-Jean Cahen*, Université Paul Cézanne (Aix-Marseille)

    David E. Dobbs, University of Tenessee

    Thomas G. Lucas, University of North Carolina Charlotte

    (1048-13-134)

  - 10:00 a.m.

    Patching together a minimal overring.

    David E. Dobbs*, University of Tennessee

    Jay Shapiro, George Mason University

    (1048-13-145)

  - 10:30 a.m.

    Existence of Rings of Finite Rank n as well as Further Explorations into the n-generator property.

    Amanda Hagen Matson*, University of Minnesota, Morris

    (1048-13-267)

- **Saturday April 4, 2009, 2:30 p.m.-5:20 p.m.**

Quick Links

Member Services

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Special Session Manual

News

National Academy of Sciences Elects New Members
Eight people in the mathematical sciences are among the new members and foreign associates.

Joël Bellaïche Receives AMS Centennial Fellowship

2011 Joint Mathematics Meetings - DATE CHANGE

American Academy of Arts & Sciences Elects New Fellows

Tao Receives 2010 Nemmers Prize

Calendar

AMS Spring Sectional Meetings
5/22-23: New Jersey Institute of Technology

AMS Governance
4/24 - AMS Council
5/20 - Committee on Committees
5/20-22 - Executive Committee and Board of Trustees

National Lab Day
May 3-8, 2010

AMS at Mathematics, Scientific and Publishing Meetings

Deadline for Mathematics Research Communities Proposals
Extended to June 1, 2010

Other Mathematics Events

site help

Special Session on Commutative Rings and Monoids, II

Room 301, Riddick Hall

Organizers:

Scott T. Chapman, Sam Houston State University scott.chapman@shsu.edu

James B. Coykendall, North Dakota State University

- 2:30 p.m.

  On the arithmetic of Krull monoids with finite Davenport constant.

  Alfred Geroldinger*, Karl-Franzens-University Graz

  (1048-13-93)

- 3:00 p.m.

  Factorization in integral domains without identity.

  Dan Anderson*, The University of Iowa

  Jonathan Preisser, The University of Iowa

  (1048-13-95)

- 3:30 p.m.

  Syzygy Sequences and Divisor Sequences for Finitely Generated Krull Monoids.

  Terri Moore*, Seattle University

  (1048-13-233)

- 4:00 p.m.

  Higher order class groups and block monoids of Krull monoids.

  Wolfgang A Schmid*, University of Graz, Austria

  (1048-13-125)

- 4:30 p.m.

  On Matrix Factorization.

  Donald Adams, San Diego State University

  Rene Ardila, City College of New York

  David Hannasch, University of Nevada, Las Vegas

  Audra Kosh, University of California, Santa Barbara

  Hanah McCarthy, Lawrence University

  Vadim Ponomarenko*, San Diego State University

  Ryan Rosenbaum, San Diego State University

  (1048-11-142)

- 5:00 p.m.

  On the arithmetic of certains noetherian domains.

  Florian Kainrath*, Karl Franzens Universitaet Graz

  (1048-13-299)

- **Sunday April 5, 2009, 8:00 a.m.-10:50 a.m.**

  Special Session on Commutative Rings and Monoids, III

  Room 301, Riddick Hall

  Organizers:

  Scott T. Chapman, Sam Houston State University scott.chapman@shsu.edu

  James B. Coykendall, North Dakota State University

  - 8:00 a.m.

    On the polynomial closure.

    Jean-Luc Chabert*, Université de Picardie

    (1048-13-157)

  - 8:30 a.m.

    Generalized rings of integer-valued polynomials.

    K Alan Loper*, Ohio State University - Newark

    (1048-13-269)

  - 9:00 a.m.

    A generalization of $\rm{Int}(E,D)$ when E is finite.

    Jason Greene Boynton*, North Dakota State University

    (1048-13-360)

  - 9:30 a.m.

    Counting Numerical Semigroups.

    Nathan Kaplan*, Harvard University

    (1048-13-362)

  - 10:00 a.m.

    Factorization in algebraic orders.

    George J Schaeffer*, University of California at Berkeley

    (1048-11-282)

  - 10:30 a.m.

    Universal lying-over rings.

David E. Dobbs, University of Tennessee
Jay Shapiro*, George Mason University
(1048-13-126)

- **Sunday April 5, 2009, 2:30 p.m.-4:50 p.m.**
  Special Session on Commutative Rings and Monoids, IV
  Room 301, Riddick Hall
  Organizers:
  Scott T. Chapman, Sam Houston State University scott.chapman@shsu.edu
  James B. Coykendall, North Dakota State University

  - 2:30 p.m.
    The Gorenstein property of associated graded rings of ideal filtrations in one-dimensional analytically irreducible Noetherian local domains.
    Lance Bryant*, Purdue University
    (1048-13-283)

  - 3:00 p.m.
    How Far is an Element or Ideal from Being Prime.
    David F Anderson*, University of Tennessee
    (1048-13-227)

  - 3:30 p.m.
    Unions of Sets of Lengths.
    Michael Freeze*, University of North Carolina Wilmington
    Alfred Geroldinger, Karl-Franzens-Universitat Graz
    (1048-13-303)

  - 4:00 p.m.
    When is a proper simple extension a minimal extension?
    Thomas G. Lucas*, University of North Carolina Charlotte
    Paul-Jean Cahen, Universite Paul Cezanne
    David E. Dobbs, University of Tennessee
    (1048-13-139)

  - 4:30 p.m.
    Counting the Number of Star Operations on an Integral Domain.
    Evan Houston*, University of North Carolina at Charlotte
    Abdeslam Mimouni, King Fahd University of Petroleum & Minerals
    (1048-13-270)

Contact Meeting Coordinator

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