
THURSDAY

(October 26, 2000)

RSC = Rhatigan Student Center

8:00 - 9:30 a.m. Registration and Coffee 203 RSC
9:30 - 9:50 a.m. Opening and Welcome 203 RSC

SESSION I

Invited Paper

Permutations and the Enumeration of the Orientable Embeddings of a Graph

10:00 - 11:00 a.m. Saul Stahl, University of Kansas 203 RSC

Contributed Papers 1(A)

Located in 129 RSC

11:05 - 11:25 a.m. - **Minimum Independence Number of Graphs with Specified Degree Sequence**
Patricia Nelson, University of Nebraska-Lincoln

11:30 - 11:50 a.m. - **Average Cayley Genus for Cayley Maps with Dihedral Groups**
Jamie Langille* and Michelle Schultz, University of Nevada, Las Vegas

11:55 - 12:15 p.m. - **Conjugacy Graphs**
Harold Bowman and Michelle Schultz*, University of Nevada, Las Vegas

Contributed Papers 1(B)

Located in 203 RSC

11:05 - 11:25 a.m. - **Comma-Free Bipartite Subgraphs of the De Bruijn Graph**
Larry Cummings, University of Waterloo

Contributed Papers 1(B) - Continued -

Located in 203 RSC

11:30 - 11:50 a.m. - **q-polynomial Identities Derived from Finite Polar Spaces**

Ernie Shult, Kansas State University

11:55 - 12:15 p.m. - **Isoperimetric Sets of Cubic Cayley Graphs**

Jason Rosenhouse, Kansas State University

12:15 - 2:00 Lunch Break

SESSION II

Invited Paper

Minimal PBDs With Specified Longest Block Length

2:00 - 3:00 p.m. Ralph Stanton, University of Manitoba 203 RSC

3:00 - 3:30 p.m. Coffee Break 203 RSC

Contributed Papers 2(A)

Located in 129 RSC

3:30 - 3:50 p.m. - **A Combinatorial Investigation on the Sums of Products of Natural Numbers**

William Richardson, Wichita State University

3:55 - 4:15 p.m. - **Covering of Some Hypergraph and Its Applications in Cryptography**

R. Wei, Lakehead University

4:20 - 4:40 p.m. - **On Balanced Arrays of Stength Five**

Rose Dios, New Jersey Institute of Technology

Contributed Papers 2(A)

Located in 203 RSC

- 3:30 - 3:50 p.m. - **Drawing Graphs on the Torus**
William Kocay* and Daniel Neilson, University of Manitoba
- 3:55 - 4:15 p.m. - **On a Self-Improving Optimization Algorithm**
Iliaya Bluskov, Universtiy of Northern British Columbia
- 4:20 - 4:40 p.m. - **Longest Cycles of Maximal Planar Graphs**
Hang Chen* (Central Missouri State University) and Allen Schwenk (Western Michigan University)
- 7:30 - 9:30 p.m. Welcome Reception 203 RSC

FRIDAY

(October 27, 2000)

SESSION III

Invited Paper

A Survey of Magic Graph Labelings

9:00 - 10:00 a.m. Sin-Min Lee, San José State University 203 RSC

10:00 - 10:30 a.m. Coffee Break 203 RSC

Contributed Papers 3(A)

Located in 129 RSC

10:30 - 10:50 a.m. - **On Group-Magic Graphs**
Hugo Sun, California State University, Fresno

10:55 - 11:15 a.m. - **Characterization of Efficiently Computable Infinite Relations for Paraconsistent Databases**, Nicholas Tran and Rajiv Bagai*, Wichita State University

11:20 - 11:40 a.m. - **Sequence-Trees: Slicing and Concatenation of Sequences in Logarithmic Time**
Rodney Bates, Wichita State University

Contributed Papers 3(B)

Located in 203 RSC

10:30 - 10:50 a.m. - **On Some New Families of Edge-Graceful Graphs**
Sin-Min Lee (San José State University) and Sheng-Ping Lo* (Cisco Systems Inc)

Contributed Papers 3(B) - Continued -

Located in 203 RSC

- 10:55 - 11:15 a.m. - **On The Integer-magic Spectra of The Power of Paths**
Sin-Min Lee (San José State University) and Henry Wong * (Hsing Wu Commerce College)
- 11:20 - 11:40 a.m. - **On Super Edge-Magic n -Stars**
Sin-Min Lee (San José State University) and Man C. Kong*, (University of Kansas)
- 11:40 - 1:30 p.m. Lunch Break

SESSION IV

Invited Paper

On the Strong Perfect Graph Conjecture

- 1:30 - 2:30 p.m. Neil Robertson, Ohio State University 203 RSC
- 2:30 - 3:00 p.m. Coffee Break 203 RSC

Invited Paper

Combinatorial and Cryptographic Properties of Strongly Random Number Generators

- 3:00 - 4:00 p.m. Doug Stinson, Universtiy of Waterloo 203 RSC

Contributed Papers 4(A)

Located in 129 RSC

- 4:00 - 4:20 a.m. - **Tri-restricted Numbers and Powers of Permutation Presentations**
Ji Young Choi, Iowa State University

Contributed Papers 4(A) - Continued -

Located in 129 RSC

- 4:25 - 4:45 p.m. - **Some Results on Orthogonal Arrays of Strength Four**
Rose Dios* (New Jersey Institute of Technology) and D.V. Chopra (Wichita State University)
- 4:50 - 5:10 p.m. - **An Algorithm in $3x+1$ Conjecture**
Mohammad Riazi-Kermani, Fort Hays State University

Contributed Papers 4(B)

Located in 203 RSC

- 4:00 - 4:20 a.m. - **Totally Magic Graphs**
Walter Wallis, Southern Illinois University
- 4:25 - 4:45 p.m. - **On a Construction of Supermagic Graphs**
Wai Chee Shiu* & Peter Che Bor Lam (Hong Kong Baptist University) and Sin-Min Lee (San José State University)
- 4:50 - 5:10 p.m. - **On the Super-edge Magicness of the Power of Paths**
Sin-Min Lee , Kong Le, Elo Leung and William Sze*, San José State University

6:30 - 9:30 p.m. Banquet * Peking Palace

* Location and other information will be provided at registration time.

SATURDAY

(October 28, 2000)

SESSION V

Invited Paper

The Origin and Current State of Elliptic Curve Cryptography

9:00 - 10:00 a.m. Neal Koblitz, University of Washington 203 RSC

10:00 - 10:30 a.m. Coffee Break 203 RSC

Contributed Papers 5(A)

Located in 335 Jabara Hall (JB)

10:30 - 10:50 a.m. - **Atlas of Boolean Functions with Good Cryptographic Properties**

Pantelimon Stanica, Auburn University, Montgomery

10:55 - 11:15 a.m. - **A Computational Approach for the Ramsey Numbers $R(C_4, K_n)$**

Stanislaw Radziszowski*, Rochester Institute of Technology and Kung-Kuen Tse,
Kean University

11:20 - 11:40 a.m. - **Existence Conditions for Some Combinatorial Arrays**

Mohammed Bsharat* and D. V. Chopra, Wichita State University

11:45 - 12:05 p.m. - **Constructing All Extremes of Contingency Tables With Given Marginals**

Hari Mukerjee and Xiaomi Hu*, Wichita State University

Saturday, October 28, 2000

Contributed Papers 5(B)

Located in 203 RSC

10:30 - 10:50 a.m. - **A Construction of Super Edge-Magic Graphs**

Sin-Min Lee* and Alexander Nien-Tsu Lee, San José State University

10:55 - 11:15 a.m. - **On Super Edge-Magic Deficiencies of Graphs**

Sin-Min Lee (San José State University) and Siu-Ming Tong* (Northwestern Polytechnic University)

11:20 - 11:40 a.m. - **On the Conjecture of Edge-Balanced Graphs**

Bor-Liang Chen (National Taichung Institute of Technology), Kuo-Ching Huang* (Providence University-Shalu), Sin-Min Lee (San José State University), and Shi-San Liu (People's Republic of China)

* Any additional information will be provided at the conference.