

International Conference on Current Trends in Graph Theory and Computation

September 17-19, 2016

Program Schedule: Day 1 (17/09/2016)

| 08:30 - 09:00 | Registration | | | | | | |
|--------------------------------------|---|----------------|-------------|-------------|---|-------------|--------------|
| Time | Event/Topic | | | | Speakers | | |
| Inaugural Session | | | | | | | |
| 09:00 - 09:05 | Welcome Address | | | | Prof. RK Mohanty, Dean FMCS | | |
| 09:05 - 09:15 | Conference Theme | | | | Dr. Deepa Sinha, SAU New Delhi | | |
| 09:15 - 09:20 | Address to the Participants | | | | Prof. Mukti Acharya (Retd.), Delhi Technological University | | |
| 09:20 - 09:30 | Inagural Address | | | | Dr. Kavita A Sharma, President, SAU New Delhi | | |
| 09:30- 09:40 | Keynote Address | | | | Prof. Thomas Zaslavsky, Binghamton University | | |
| 09:40 - 09:50 | Vote of Thanks | | | | Dr. Jagdish Chand Bansal, SAU New Delhi | | |
| 09:50 - 10:15 | High Tea | | | | | | |
| Session Chair: Prof. S Arumugam | | | | | | | |
| 10:15 - 11:00 (Plenary Lecture) | Negative Circles in Signed Graphs | | | | Prof. Thomas Zaslavsky, Binghamton University | | |
| 11:00 - 11:45 (Invited Lecture) | Exponential tree distances: Smith normalform and beyond | | | | Prof. RB Bapat, ISI Delhi | | |
| 11:45 - 12:30 (Invited Lecture) | Drainage networks and the Brownian web | | | | Prof. Rahul Roy, ISI Delhi | | |
| 12:30-13:30 | Lunch Break | | | | | | |
| Session Chair: Prof Thomas Zaslavsky | | | | | | | |
| 13:30 - 14:15 (Plenary Lecture) | Largest families with excluded posets | | | | Prof. GOH Katona, Alfred Renyi Institute of Mathematics | | |
| 14:15 - 15:00 (Plenary Lecture) | Magic and Antimagic Labelings of Graphs | | | | Prof. S Arumugam, Kalasalingam University | | |
| 15:00 - 15:30 (Invited Lecture) | Bounds for the Sum Choice Number | | | | Prof. Arnfried Kemnitz, Braunschweig | | |
| 15:30-15:45 | Tea Break | | | | | | |
| Parallel Session I-VII | | | | | | | |
| TIME | SESSION-I | SESSION-II | SESSION-III | SESSION-IV | SESSION-V | SESSION-VI | SESSION-VII |
| SESSION CHAIR Prof. | C. Deshpande | Laszlo Szekely | M Acharya | H Ramane | A Lakshmanan S | SM Hegde | PR Hampiholi |
| Venue: SAU | Room.No 307 | Room No 308 | Room No 309 | Room No 310 | Room No 316 | Room No 317 | Room No 318 |
| 15:45 - 16:00 (Paper | PP-11 | PP-105 | PP-87 | PP-61 | PP-46 | PP-63 | PP-01 |
| 16:00- 16:15 (Paper Presentation) | PP-94 | PP-59 | PP-69 | PP-84 | PP-03 | PP-44 | PP-29 |
| 16:15- 16:30 (Paper Presentation) | PP-64 | PP-106 | PP-71 | PP-73 | PP-05 | PP-26 | PP-60 |
| 16:30- 16:45 (Paper Presentation) | PP-52 | PP-21 | PP-75 | PP-102 | PP-06 | PP-27 | PP-90 |
| 16:45- 17:00 (Paper Presentation) | PP-20 | PP-50 | PP-36 | PP-53 | PP-10 | PP-42 | PP-35 |
| 17:00 - 17:15 (Paper | PP-31 | PP-95 | PP-39 | PP-110 | PP-78 | PP-48 | PP-96 |
| 18:00 | CULTURAL EVENT | | | | | | |
| 20:00 | CONFERENCE DINNER | | | | | | |

Program Schedule: Day 2 (18/09/2016)

| Time | Event/Topic | | Speakers | |
|----------------------------------|--|--|---|--|
| Session: Chair Prof Andreas Hinz | | | | |
| 09:00 - 09:30 (Invited Lecture) | On S-Magic Graphs | | Prof. Tarkeshwar Singh, BITS PILANI, GOA Campus | |
| 09:30 -10:10 (Invited Lecture) | A Solution of the Erdos - Faber - LovaszConjecture | | Prof. SM Hegde, NIT Surathkal | |
| 10:10 - 10:45 | TEA Break | | | |

| Session Chair: Prof. Armfried Kemnitz | | | | | | |
|--|--|-------------|-------------|--|-------------|--------------|
| 10:45 – 11:30 (Plenary Lecture) | Open Problems for Hanoi and Sierpinski Graphs | | | Prof. Miklos Simonovits, Alfred Renyi Institute of Mathematics | | |
| 11:30 – 12:15 (Invited Lecture) | Inducibility in binary trees and tanglegram crossing numbers | | | Prof. Andreas Hinz, Munich | | |
| 12:15 – 12:45 (Invited Lecture) | Application of the Stability method in Extremal Graph Theory and related areas | | | Prof. Eva Czabarka, University of South Carolina | | |
| 12:45 – 13:15 (Invited Lecture) | Sum of signless Laplacian eigenvalues of a graph | | | Prof. S Pirzada, Kashmir University | | |
| 13:15 – 14:15 | Lunch Break | | | | | |
| Session Chair: Prof. T Tamizh Chelvam | | | | | | |
| 14:15 – 15:00 (Plenary Lecture) | On Edge-Graceful Labeling and Deficiency of Regular Graphs with Particular Factors | | | Prof. Tao-Ming Wang, Tunghai University | | |
| 15:00 – 15:30 (Invited Lecture) | C-cordial Labeling of Signed Graphs | | | Prof. Mukti Acharya (Retd.), Delhi Technological University | | |
| 15:30 – 15:45 | Tea Break | | | | | |
| Parallel Session I-VI | | | | | | |
| TIME | SESSION-I | SESSION-II | SESSION-III | SESSION-IV | SESSION-V | SESSION-VI |
| SESSION CHAIR: Prof | MK Srinivasan | T Singh | MM Shikare | S Krishnan | P Gupta | Eva Czabarka |
| Venue: SAU | Room.No 307 | Room No 308 | Room No 309 | Room No 310 | Room No 316 | Room No 317 |
| 15:45 – 16:00 (Paper) | PP-12 | PP-08 | PP-101 | PP-56 | PP-100 | PP-103 |
| 16:00- 16:15 (Paper Presentation) | PP-23 | PP-83 | PP-07 | PP-107 | PP-113 | PP-37 |
| 16:15- 16:30 (Paper Presentation) | PP-28 | PP-92 | PP-99 | PP-16 | PP-13 | PP-14 |
| 16:30- 16:45 (Paper Presentation) | PP-66 | PP-43 | PP-19 | PP-25 | PP-45 | PP-76 |
| 16:45- 17:00 (Paper Presentation) | PP-67 | PP-77 | PP-114 | PP-91 | PP-47 | PP-86 |
| 17:00 –17:15 (Paper Presentation) | PP-98 | PP-38 | PP-104 | PP-40 | PP-58 | PP-89 |
| Program Schedule: Day 3 (19/09/2016) | | | | | | |
| Time | Event/Topic | | | Speakers | | |
| Session Chair: Prof Tao-Ming Wang | | | | | | |
| 09:00 – 09:45 (Plenary Lecture) | Some remarks on hook and two rowed representations of the symmetric group | | | Prof. MK Srinivasan, IIT Bombay | | |
| 09:45 – 10:20 (Invited Lecture) | Hook Immanants and the Hadamard inequality for laplacians of trees | | | Prof. S Krishnan, IIT Bombay | | |
| 10:20 – 10:45 | Tea Break | | | | | |
| Session Chair: Prof GOH Katona | | | | | | |
| 10:45 – 11:30 (Invited Lecture) | The number of induced subtrees in trees | | | Prof. Laszlo Szekely, University of South Carolina | | |
| 11:30 – 12:00 (Invited Lecture) | b-Disjunctive domination in Graphs | | | Prof. BS Panda, IIT Delhi | | |
| 12:00 – 12:30 (Invited Lecture) | LEAST-KERNEL GRAPHOIDAL GRAPHS-II | | | Prof. Purnima Gupta, University of Delhi | | |
| 13:00 – 14:00 | Lunch Break | | | | | |
| Session Chair: Prof. Miklos Simonovits | | | | | | |
| 14:00 – 14:40 (Plenary Lecture) | Combinatorial structure of Reed-Muller Codes | | | Prof. BK Dass, University of Delhi | | |
| Valedictory Session | | | | | | |
| 14:40 – 14:50 | Welcome Address | | | | | |
| 14:50-14:55 | Report of the Program | | | | | |
| 14:55- 15:10 | Valedictory Address | | | | | |
| 15:10 – 15:20 | Feedback | | | | | |
| 15:20 – 15:30 | Vote of Thanks | | | | | |
| 15:30 | High Tea | | | | | |
| Note | All the Plenary & Invited Lectures will be held in FSI Hall, SAU | | | | | |