

### ICDM'07 Program at a Glance

|             | <b>Sunday<br/>28-Oct</b>      | <b>Monday<br/>29-Oct</b>                  | <b>Tuesday<br/>30-Oct</b>  | <b>Wednesday<br/>31-Oct</b>       |
|-------------|-------------------------------|---|----------------------------|-----------------------------------|
| 8:00-8:30   | Registration                  | Registration                              | Registration               | Registration                      |
| 8:30-9:00   | WORKSHOPS                     | Welcome stuff                             | Best Research Paper Talk   | Best Application Paper Talk       |
| 9:00-9:30   |                               | Hellerstein Keynote Talk                  | Ian Witten Talk            | Tamara Kolda Talk                 |
| 9:30-10:00  |                               |   |                            |                                   |
| 10:00-10:30 | COFFEE                        | COFFEE                                    | COFFEE                     | COFFEE                            |
| 10:30-11:00 | WORKSHOPS                     | PAPERS (parallel sessions)                | PAPERS (parallel sessions) | PANEL                             |
| 11:00-11:30 |                               |   | 1 TUTORIAL                 |                                   |
| 11:30-12:00 |                               |   |                            |                                   |
| 12:00-12:30 |                               | Lunch break                               | Lunch break                | ICDM Business Lunch + ICDM Awards |
| 12:30-1:00  |                               |   |                            |                                   |
| 1:00-1:30   |                               |   |                            |                                   |
| 1:30-2:00   | WORKSHOPS                     | PAPERS (parallel sessions)                | PAPERS (parallel sessions) | PAPERS (parallel sessions)        |
| 2:00-2:30   | 1 TUTORIAL                    | 1 TUTORIAL                                | 1 TUTORIAL continues       | 1 TUTORIAL                        |
| 2:30-3:00   |                               |   |                            |                                   |
| 3:00-3:30   |                               |   | <b>Zoo visit</b>           |                                   |
| 3:30-4:00   | COFFEE                        |   |                            |                                   |
| 4:00-4:30   | WORKSHOPS                     | PAPERS (parallel sessions)                |                            | PAPERS (parallel sessions)        |
| 4:30-5:00   | 1 TUTORIAL continues          | 1 TUTORIAL continues                      |                            | 1 TUTORIAL continues              |
| 5:00-5:30   |                               |   |                            |                                   |
| 5:30-6:00   |                               |   | <b>Cocktails at PKI</b>    |                                   |
| 6:00-6:30   |                               |   |                            |                                   |
| 6:30-7:00   |                               |   | <b>ICDM Banquet</b>        |                                   |
| 7:00-7:30   | <b>ICDM Strg Comm Meeting</b> | <b>ICDM Reception + Best Paper Awards</b> |                            |                                   |
| 7:30-8:00   |                               |   |                            |                                   |
| 8:00-8:30   |                               |   |                            |                                   |
| 8:30-9:00   |                               |   |                            |                                   |

## 28-Oct Sunday

|             |   |           |
|-------------|---|-----------|
| 8:00-8:30   | Registration                              |           |
| 8:30-9:00   | WORKSHOPS                                 |           |
| 9:00-9:30   |   |           |
| 9:30-10:00  |   |           |
| 10:00-10:30 | COFFEE                                    |           |
| 10:30-11:00 | WORKSHOPS                                 |           |
| 11:00-11:30 |   |           |
| 11:30-12:00 |   |           |
| 12:00-12:30 | Lunch Break                               |           |
| 12:30-1:00  |   |           |
| 1:00-1:30   |   |           |
| 1:30-2:00   | Tutorial: Mining for Software Reliability | WORKSHOPS |
| 2:00-2:30   |   |           |
| 2:30-3:00   |   |           |
| 3:00-3:30   |   |           |
| 3:30-4:00   | COFFEE                                    |           |
| 4:00-4:30   | Tutorial continues                        | WORKSHOPS |
| 4:30-5:00   |   |           |
| 5:00-5:30   |   |           |
| 5:30-6:00   |   |           |
| 6:00-6:30   |   |           |
| 6:30-7:00   |   |           |
| 7:00-7:30   | ICDM Steering Committee Meeting           |           |
| 7:30-8:00   |   |           |
| 8:00-8:30   |   |           |
| 8:30-9:00   |   |           |

## 29-Oct Monday

|             |   |                           |                               |                                      |
|-------------|---|---------------------------|-------------------------------|--------------------------------------|
| 8:00-8:30   | Registration  |                           |                               |                                      |
| 8:30-9:00   | Welcome stuff   |                           |                               |                                      |
| 9:00-9:30   | Invited Talk by Joseph Hellerstein                          |                           |                               |                                      |
| 9:30-10:00  |   |                           |                               |                                      |
| 10:00-10:30 | COFFEE  |                           |                               |                                      |
| 10:30-11:00 | Matrix Theoretic Methods 1:30                               | Association Rules 1:30    | Recommender Systems & CF 1:30 | Sampling 1:30                        |
| 11:00-11:30 | L 463, 718  | L 681, 764                | L 362, 582                    | L 482, 571                           |
| 11:30-12:00 | S 328, 714  | S 524, 650                | S 433, 713                    | S 299, 750                           |
| 12:00-12:30 |   |                           |                               |                                      |
| 12:30-1:00  |   |                           |                               |                                      |
| 1:00-1:30   |   |                           |                               |                                      |
| 1:30-2:00   | Tutorial: Contrast Data Mining:<br>Methods and Applications | Data Streams 2:00         | Probabilistic Models 2:00     | Mining in Networked Settings I 2:00  |
| 2:00-2:30   |   | L 581, 741                | L 417, 774                    | L 222, 271                           |
| 2:30-3:00   |   | S 245, 249, 324, 383      | S 443, 699, 721, 789          | S 211, 674, 702, 738                 |
| 3:00-3:30   |   |                           |                               |                                      |
| 3:30-4:00   | COFFEE  |                           |                               |                                      |
| 4:00-4:30   | Tutorial continues  | Theory & Foundations 1:30 | Time Series 1:30              | Novelty, Outliers, & Extensions 1:30 |
| 4:30-5:00   |   | L 206, 689                | L 327, 728                    | L 207, 576                           |
| 5:00-5:30   |   | S 335, 630                | S 766, 773                    | S 243, 769                           |
| 5:30-6:00   |   |                           |                               |                                      |
| 6:00-6:30   |   |                           |                               |                                      |
| 6:30-7:00   |   |                           |                               |                                      |
| 7:00-7:30   | <b>ICDM RECEPTION + BEST PAPER AWARDS</b>                   |                           |                               |                                      |
| 7:30-8:00   |   |                           |                               |                                      |
| 8:00-8:30   |   |                           |                               |                                      |
| 8:30-9:00   |   |                           |                               |                                      |

Key: L denotes regular papers and their ids; S denotes short papers and their ids

## 30-Oct Tuesday

|             |                                 |                      |                      |
|-------------|---------------------------------|----------------------|----------------------|
| 8:00-8:30   | Registration                    |                      |                      |
| 8:30-9:00   | Best Research Paper Talk        |                      |                      |
| 9:00-9:30   | Invited talk by Ian Witten      |                      |                      |
| 9:30-10:00  |                                 |                      |                      |
| 10:00-10:30 | COFFEE                          |                      |                      |
| 10:30-11:00 | Tutorial: Detecting Clusters in | Applications 1:30    | Graph Mining 1:30    |
| 11:00-11:30 | Moderate-to-High Dimensional    | L 494                | L 358, 692           |
| 11:30-12:00 | Data                            | S 278, 461, 476, 525 | S 208, 434           |
| 12:00-12:30 | Lunch break                     |                      |                      |
| 12:30-1:00  |                                 |                      |                      |
| 1:00-1:30   |                                 |                      |                      |
| 1:30-2:00   | Tutorial continues              | ICDM Contest Paper   | Classifiers 1:30     |
| 2:00-2:30   |                                 | Presentations (1:30) | L 703                |
| 2:30-3:00   |                                 |                      | S 374, 502, 659, 739 |
| 3:00-3:30   | Omaha Zoo Visit                 |                      |                      |
| 3:30-4:00   |                                 |                      |                      |
| 4:00-4:30   |                                 |                      |                      |
| 4:30-5:00   |                                 |                      |                      |
| 5:00-5:30   | Travel to PKI                   |                      |                      |
| 5:30-6:00   | <b>Cocktails at PKI</b>         |                      |                      |
| 6:00-6:30   | Travel to Scott Conference Hall |                      |                      |
| 6:30-7:00   | <b>ICDM BANQUET</b>             |                      |                      |
| 7:00-7:30   |                                 |                      |                      |
| 7:30-8:00   |                                 |                      |                      |
| 8:00-8:30   |                                 |                      |                      |
| 8:30-9:00   |                                 |                      |                      |

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## 31-Oct Wednesday

|             |   |                                 |                                |
|-------------|---|---------------------------------|--------------------------------|
| 8:00-8:30   | Registration  |                                 |                                |
| 8:30-9:00   | Best Application Paper Talk                                 |                                 |                                |
| 9:00-9:30   | Invited Talk by Tamara Kolda                                |                                 |                                |
| 9:30-10:00  | COFFEE  |                                 |                                |
| 10:00-10:30 | Panel: "How long can one company dominate search?"          |                                 |                                |
| 10:30-11:00 |   |                                 |                                |
| 11:00-11:30 |   |                                 |                                |
| 11:30-12:00 | ICDM Business Lunch + ICDM Awards                           |                                 |                                |
| 12:00-12:30 |   |                                 |                                |
| 12:30-1:00  |   |                                 |                                |
| 1:00-1:30   |   |                                 |                                |
| 1:30-2:00   | Tutorial: Practical Relational Data<br>Community Generation | Clustering 2:00                 | Text Mining II 2:00            |
| 2:00-2:30   |   | L 288 338 364                   | L 466, 506                     |
| 2:30-3:00   |   | S 691 726                       | S 391, 402, 430, 513           |
| 3:00-3:30   | Frequent Patterns 2:00                                      |                                 |                                |
| 3:30-4:00   | L 388, 408, 470   |                                 |                                |
| 3:30-4:00   | S 407, 735  |                                 |                                |
| 4:00-4:30   | Tutorial 3 continues  | Mining in Networked Settings II | New Learning Formulations 2:00 |
| 4:30-5:00   |   | L 284 584, 485                  | L 736                          |
| 5:00-5:30   |   | S 452, 586                      | S 480, 515, 548, 631, 779      |
| 5:30-6:00   | Statistical Methods 2:00                                    |                                 |                                |
| 6:00-6:30   | L 406, 442  |                                 |                                |
| 6:30-7:00   | S 446, 477, 533, 697  |                                 |                                |
| 7:00-7:30   |   |                                 |                                |
| 7:30-8:00   |   |                                 |                                |
| 8:00-8:30   |   |                                 |                                |
| 8:30-9:00   |   |                                 |                                |

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