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Nota di contenuto	Session 6A. Data Structure and Algorithm II -- D2-Tree: A New Overlay with Deterministic Bounds -- Efficient Indexes for the Positional Pattern Matching Problem and Two Related Problems over Small Alphabets -- Dynamic Range Reporting in External Memory -- A Cache-Oblivious Implicit Dictionary with the Working Set Property -- Session 6B. Graph Algorithm II -- The (p,q)-total Labeling Problem for Trees -- Drawing a Tree as a Minimum Spanning Tree Approximation -- k-cyclic

Orientations of Graphs -- Improved Bounds on the Planar Branchwidth with Respect to the Largest Grid Minor Size -- Session 7A. Computational Geometry II -- Maximum Overlap of Convex Polytopes under Translation -- Approximate Shortest Homotopic Paths in Weighted Regions -- Spanning Ratio and Maximum Detour of Rectilinear Paths in the  $L_1$  Plane -- Session 7B. Graph Coloring II -- Approximation and Hardness Results for the Maximum Edge  $q$ -coloring Problem -- 3-Colouring AT-Free Graphs in Polynomial Time -- On Coloring Graphs without Induced Forests -- Session 8A. Approximation Algorithm II -- On the Approximability of the Maximum Interval Constrained Coloring Problem -- Approximability of Constrained LCS -- Approximation Algorithms for the Multi-Vehicle Scheduling Problem -- On Greedy Algorithms for Decision Trees -- Session 8B. Online Algorithm -- Single and Multiple Device DSA Problem, Complexities and Online Algorithms -- The Onion Diagram: A Voronoi-Like Tessellation of a Planar Line Space and Its Applications -- Improved Online Algorithms for 1-Space Bounded 2-Dimensional Bin Packing -- On the Continuous CNN Problem -- Session 9A. Scheduling -- Policies for Periodic Packet Routing -- Increasing Speed Scheduling and Flow Scheduling -- A Tighter Analysis of Work Stealing -- Approximating the Traveling Tournament Problem with Maximum Tour Length 2 -- Session 9B. Data Structure and Algorithm III -- Alphabet Partitioning for Compressed Rank/Select and Applications -- Entropy-Bounded Representation of Point Grids -- Identifying Approximate Palindromes in Run-Length Encoded Strings -- Session 10A. Graph Algorithm III -- Minimum Cost Partitions of Trees with Supply and Demand -- Computing the  $(t,k)$ -Diagnosability of Component-Composition Graphs and Its Application -- Why Depth-First Search Efficiently Identifies Two and Three-Connected Graphs -- Beyond Good Shapes: Diffusion-Based Graph Partitioning Is Relaxed Cut Optimization -- Induced Subgraph Isomorphism on Interval and Proper Interval Graphs -- Session 10B. Computational Geometry III -- Testing Simultaneous Planarity When the Common Graph Is 2-Connected -- Computing the Discrete Fréchet Distance with Imprecise Input -- Connectivity Graphs of Uncertainty Regions --  $\pi/2$ -Angle Yao Graphs Are Spanners -- Identifying Shapes Using Self-assembly.

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