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Recent Developments in the Theory of Arrangements of Surfaces

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Dynamic Compressed Hyperoctrees with Application to the N-body Problem
Largest Empty Rectangle among a Point Set

Session 1(b)
Renaming Is Necessary in Timed Regular Expressions
Product Interval Automata: A Subclass of Timed Automata

Session 2(a)
The Complexity of Rebalancing a Binary Search Tree
Fast Allocation and Deallocation with an Improved Buddy System

Session 2(b)
Optimal Bounds for Transformations of \( \omega \)-Automata
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A Top-Down Look at a Secure Message

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Explaining Updates by Minimal Sums
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A Randomized Algorithm for Flow Shop Scheduling

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How to Compute with DNA*

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