

---

## Invited Talk

---

|  |   |
|--|---|
| Theoretical Perspectives on Algorithmic Choices Made in Programming Languages <i>by Cyril Nicaud</i> ..... | 1 |
|--|---|

---

## Contributed Talks

---

|   |     |
|---|-----|
| Computing SEQ-IC-LCS of Labeled Graphs <i>by Yuki Yonemoto, Yuto Nakashima, and Shunsuke Inenaga</i> .....                        | 3   |
| Tandem Duplication Parameterized by the Length Difference <i>by Peter Damaschke</i> .....   | 18  |
| Improved Practical Algorithms to Compute Maximal Covers <i>by Holly Koponen, Neeraj Mhaskar, and W. F. Smyth</i> .....            | 30  |
| Periodicity of Degenerate Strings <i>by Estéban Gabory, Eric Rivals, Michelle Sweering, Hilde Verbeek, and Pengfei Wang</i> ..... | 42  |
| Approximate String Searching with AVX2 and AVX-512 <i>by Tamanna Chhabra, Sukhpal Singh Ghuman, and Jorma Tarhio</i> .....        | 57  |
| On Expressive Power of Regular Expressions with Subroutine Calls and Lookaround Assertions <i>by Ondřej Guth</i> .....            | 68  |
| Efficient Integer Retrieval from Unordered Compressed Sequences <i>by Igor Zavadskyi</i> .....                                    | 83  |
| Selective Weighted Adaptive Coding <i>by Yoav Gross, Shmuel T. Klein, Elina Opalinsky, and Dana Shapira</i> .....                 | 97  |
| A Worst Case Analysis of the LZ2 Compression Algorithm with Bounded Size Dictionaries <i>by Sergio De Agostino</i> .....          | 107 |
| Turning Compression Schemes into Crypto-Systems <i>by Kfir Cohen, Yonatan Feigel, Shmuel T. Klein, and Dana Shapira</i> .....     | 114 |
| <i>Author Index</i> .....   | 125 |