

Prague Stringology Conference 2019

Conference Program

Monday, August 26, 2019

- 09:15 **On-site registration**
- 09:45 **Welcome**
by conference chair
- 10:00 **Invited talk: Pattern Matching on Weighted Strings**
by Jakub Radoszewski
- 11:00 **Coffee break**
- 11:30 **Computing Maximal Palindromes and Distinct Palindromes in a Trie**
by Mitsuru Funakoshi, Yuto Nakashima, Shunsuke Inenaga, Hideo Bannai, and Masayuki Takeda
- 12:00 **Algorithms to Compute the Lyndon Array Revisited**
by Frantisek Franek and Michael Liut
- 12:30 **Lunch**
- 14:30 **k-Abelian pattern matching: Revisited, corrected, and extended**
by Golnaz Badkobeh, Hideo Bannai, Maxime Crochemore, Tomohiro I, Shunsuke Inenaga, and Shiho Sugimoto
- 15:00 **Online Parameterized Dictionary Matching with One Gap**
by B. Riva Shalom and Avivit Levy
- 15:30 **Coffee break & Free discussion**
- 18:00 **Conference dinner**

Tuesday, August 27, 2019

- 10:00 **An improvement of the Franek-Jennings-Smyth pattern matching algorithm**
by Satoshi Kobayashi, Diptarama Hendrian, Ryo Yoshinaka, and Ayumi Shinohara
- 10:30 **Lexicalized Syntactic Analysis by Restarting Automata**
by František Mráz, Friedrich Otto, Dana Pardubská, and Martin Plátek
- 11:00 **Coffee break**
- 11:30 **A Fast SIMD-Based Chunking Algorithm**
by Yehonatan Dude, Michael Hirsch, and Yair Toaf
- 12:00 **Social Event (lunch included)**

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Wednesday, August 28, 2019

10:00	Bidirectional Adaptive Compression <i>by Aharon Fruchtmann, Shmuel T. Klein, and Dana Shapira</i>
10:30	Selective Dynamic Compression <i>by Shmuel Tomi Klein, Elina Opalinsky, and Dana Shapira</i>
11:00	Coffee break
11:30	Optimal Time and Space Construction of Suffix Arrays and LCP Arrays for Integer Alphabets <i>by Keisuke Goto</i>
12:00	Translating Between Wavelet Tree and Wavelet Matrix Construction <i>by Patrick Dinklage</i>
12:30	Closing
12:40	Lunch