Monday September 10th 2018

8h30–9h Welcome, Breakfast
9h00–9h05 Opening
9h05–10h00 Graphs for Genomic Sequences \textit{Raluca Uricaru (Université de Bordeaux, France)}
10h05–10h30 Number of valid decompositions of Fibonacci prefixes \textit{Bonardo Pierre, Frid Anna}
10h35–11h Coffee break
11h–11h25 Formal Intercepts of Sturmian words \textit{Wojcik Caius}
11h30–11h55 Un ensemble infini décidable de points fixes sans cube additif \textit{Jamet Damien, Lietard Florian, Stoll Thomas}
15h–15h25 Unary Patterns of Size Four with Morphic Permutations \textit{Reshadi Kamellia}
15h30–15h55 Abelian Anti-Powers in Infinite Words \textit{Fici Gabriele, Postic Mickaël, Silva Manuel}
16h–16h30 Coffee break
16h30–16h55 Repetition avoidance in products of factors \textit{Fleischmann Pamela, Ochem Pascal, Reshadi Kamellia}

Tuesday September 11th 2018

8h30–9h Welcome, Breakfast
9h–9h55 Rigidity of square-tiled interval exchange transformations and translation flows \textit{Pascal Hubert (Aix Marseille Université, France)}
10h–10h25 A definition and counting of biperiodic recurrent configurations in the sandpile model on $\mathbb{Z}^2$ \textit{Derycke Henri, Le Borgne Yvan}
10h30–11h Coffee break
11h–11h25 Computing the entropy of multidimensional subshifts of finite type under quantified block gluing restriction \textit{Gangloff Silvère}
11h30–11h55 Complexity of Robinson tiling \textit{Galanov Ilya}
15h–15h25 Rigidity for some dynamical systems of arithmetic origin \textit{Ferenczi Sébastien, Hubert Pascal}
15h30–15h55 On closed and open factors of Arnoux-Rauzy words \textit{Parshina Olga, Zamboni Luca}
16h–16h30 Coffee break
16h30–16h55 Generalized Beatty sequences and complementary triples \textit{Dekking Michel}

19h Wine tasting at Brasserie-wine bar Latitude 20 (Cité du vin) accompanied by cheese and cold cuts. Please allow at least 45 minutes to get there:

LaBRI $\text{walk}$ 6 min $\rightarrow$ Peixotto $\text{TRAM B}$ 16 stops, 30 min $\rightarrow$ Cité du Vin $\text{walk}$ 450m 6 min $\rightarrow$ Cité du Vin

or you may want to take your time, get out of TRAM B earlier and walk to destination:

LaBRI $\text{walk}$ 6 min $\rightarrow$ Peixotto $\text{TRAM B}$ 12 stops, 25 min $\rightarrow$ CAPC Musée $\text{walk}$ 2.2km 30 to 60 min $\rightarrow$ Cité du Vin
Wednesday September 12th 2018

8h30–9h  Welcome, Breakfast
9h–9h55  About the generalised star-height problem  Laure Daviaud (University of Warwick, UK)
10h–10h25  Autour du déséquilibre des mots C-adiques  Andrieu Mélodie
10h30–11h  Coffee break
11h–11h25  Resynchronizing classes of word relations  Descotte María Emilia, Figueira Diego, Puppis Gabriele

11h30–11h55  Finding Short Synchronizing Words for Prefix Codes  Ryzhikov Andrew, Szykula Marek

16h–18h  Guided tour, Office du tourisme, 12 cours du 30 juillet, Tram stop = Quinconces.
Please allow 40 minutes to get there:

LaBRI walk Peixotto TRAM B Quinconces

6 min 11 stops, 25 min

Thursday September 13th 2018

8h30–9h  Welcome, Breakfast
9h–9h55  Simple algorithms and fast-growing complexity for well-structured systems  Philippe Schnoebelen (LSV, CNRS & ENS Paris-Saclay, France)
10h–10h25  Rigidity and Substitutive Dendric Words  Leroy Julien
10h30–11h  Coffee break
11h–11h25  Fixed points of Sturmian morphisms and their derivated words  Klouda Karel, Medková Kateřina, Pelantová Edita, Štěpán Starosta
11h30–11h55  Return words and derivated sequences to Rote sequences  Medková Kateřina
15h–15h25  k-Spectra of Strictly Balanced Words  Day Joel, Fleischmann Pamela
15h30–15h55  Etude de l’automate minimal des écritures en base $2^p$ des multiples de l’ensemble de Thue-Morse  Charlier Émilie, Cisternino Célia, Massuir Adeline

16h–16h30  Coffee break
16h30–16h55  Free time

Friday September 14th 2018

8h30–9h  Welcome, Breakfast
9h–9h55  Nildon words  Emilie Chartier (Université de Liège, Belgique)
10h–10h25  On the group of a rational maximal bifix code  Costa Alfredo, Almeida Jorge, Kyriakoglou Revekka, Perrin Dominique
10h30–11h  Coffee break
11h–11h25  Inflation of digitally convex polyominoes  Borel Jean-Pierre, Tarsissi Lama, Vuillon Laurent
11h30–11h55  Série Q-Hadamard et Q-automates circulaires  Dando Louis-Marie, Sylvain Lombardy