

TEMPORAL GRAPHS: STRUCTURE, ALGORITHMS, APPLICATIONS

SCHEDULE

Day 1 (Monday, June 15th).

9:00 – 9:15: Welcome and Organizational Information

9:15 – 10:45: Introductions

10:45 – 11:15: Coffee Break

11:15 – 12:15: Tutorial 1

Arnaud Casteigts: Structural Lemmas on Temporal Connectivity

12:15 – 14:30: Lunch

14:30 – 15:30: Open Problem Session 1

15:30 – 16:00: Coffee Break

16:00 – 18:00: Working Groups

18:00: Dinner

Day 2 (Tuesday, June 16th).

9:00 – 10:00: Tutorial 2

Aurora Rossi: An Introduction to Temporal Graph Neural Networks

10:00 – 10:30: Coffee Break

10:30 – 12:00: Talks

Ingo Scholtes: Causality-Aware Learning in Temporal Graphs

Michelle Döring: On Temporal Graphs Decomposable into k Temporal Paths

Ana Silva: Temporal Disjoint Walks and Paths and their Separators

12:00 – 14:30: Lunch

14:30 – 15:30: Open Problem Session 2

15:30 – 16:00: Coffee Break

16:00 – 18:00: Working Groups

18:00: Dinner

Day 3 (Wednesday, June 17th).

9:00 – 10:00: Tutorial 3

Ralf Klasing: Bamboo Garden Trimming Problem

10:00 – 10:30: Coffee Break

10:30 – 12:00: Talks

Pascal Lenzner: Temporal Network Creation Games

Laura Larios-Jones: Meta-algorithms for Vertex-Interval-Membership Width and Generalisations

Binh-Minh Bui-Xuan: Width Parameters for Temporal Graphs

12:00 – 14:30: Lunch

14:30: Social Program TBA

Day 4 (Thursday, June 18th).

9:00 – 10:00: Tutorial 4
Lutz Oettershagen: Mining Cohesive Structures in Temporal Graphs

10:00 – 10:30: Coffee Break

10:30 – 12:00: Talks
Lapo Cioni: Enumerating Spanners in Directed Temporal Graphs
Riccardo Dondi: Activity Timeline in Temporal Graphs
Benjamin Bumpus: Being Systematic with Time

12:00 – 14:30: Lunch

14:30 – 15:30: Talks & Discussions
Antonio Fernández: Indirect Sampling of Networks with Applications
Time for additional discussions or new open problems

15:30 – 16:00: Coffee Break

16:00 – 18:00: Working Groups

18:00: Dinner

Day 5 (Friday, June 19th).

9:00 – 10:00: Working Group Presentations

10:00 – 10:30: Coffee Break

10:30 – 11:30: Working Group Presentations (continued)

11:30 – 12:00: Closing

12:00 – 14:30: Lunch

14:30: Departure