# Program GT DAAL 2024

| Chairs | Thursday April 25 | | |
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| Marie Fortin | 14h-15h | Invited talk: Philippe Schnoebelen | Reasoning about subwords and subsequences |
| | 15-15h30 | Coffee Break | |
| Laure Daviaud | 15h30-17h Session 1 | Peter Hines<br>Remi Morvan<br>Jérémie Marquès | On the order theory of transition systems<br>The Algebras for Automatic Relations<br>The Freyd-Schützenberger completion of a small category |
| | 17h-17h15 | Short break | |
| Amazigh Amrane | 17h15-18h45 Session 2 | Mirna Džamonja<br>Theo Losekoot<br>Philipp Schlehuber | On maximal order types of lexicographic product of wpos<br>Verification of programs with ADTs using Shallow Horn Clauses<br>ω-Regular Energy Problems |

| Chairs | Friday April 26 | | |
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| Cătălin Dima | 9h-10h | Invited talk: Laure Daviaud | Weighted automata: To be decidable, or not to be decidable, that is the question. |
| | 10-10h30 | Coffee Break | |
| Dietmar Berwanger | 10h30-12h30 Session 3 | Yahia Idriss Benalioua<br>Emily Clement<br>Nguyễn Lê Thành Dũng<br>Pierre Ohlmann | Minimization of Cost Register Automata over a Field<br>Languages of Higher Dimensional Timed Automata<br>On regular languages of λ-terms<br>Rank-decreasing transductions |
| | 12h30-14h | Lunch at IRISA | |
| Alexandra Rogova | 14h-16h Session 4 | Alexandre Durand<br><br>Gabriel Bathie<br>Corto Mascle<br>Denis Kuperberg | The exact state complexity for the composition of root and reversal<br>The complexity of testing regular languages<br>Proving hardness of LTL learning<br>Explorable automata |
| | 16h-16h30 | Coffee Break | |
| Laetitia Laversa | 16h30-18h Session 5 | Christophe Grandmont<br>Dylan Bellier<br>Antonio Casares | As Soon as Possible but Rationally<br>Plan Logic<br>State-based vs transition-based acceptance for ω-automata |
| | 18h-18h15 | Closing Session | |