



Lunch

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|--------|-------------------------|---|
| 14h    | <i>Denis Thérien</i>    | Complexity-theoretic stories around two theorems of Schützenberger. |
| 14h 45 | <i>Howard Straubing</i> | Expansions, decompositions, and two-variable logic                  |
|        | Coffee break            |   |
| 16h 15 | <i>Olivier Carton</i>   | Algebraic characterization of logics on countable linear orderings. |
| 17h    | <i>Donald Knuth</i>     | Reminiscences of Marco.   |
| 18h    | Piano recital           | by Christian Krattenthaler  |

**Thursday, March 24**

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|--------|--------------------------------|---|
| 9h     | <i>Véronique Bruyère</i>       | On algorithmic aspects of infinite games played on weighted graphs. |
| 10h    | <i>Stefano Crespi Reghizzi</i> | An enduring trail of language characterizations via homomorphisms.  |
|        | Coffee break                   |   |
| 11h 15 | <i>Alain Connes</i>            | Le monde de la caractéristique 1.                                   |

Lunch

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| 14h | <i>Gérard Berry</i>  | Non deterministic automata : why this adjective is misleading. |
| 15h | In the steps of M. P. Schützenberger :<br>the challenge in the             | future of computer science                                     |
|     | Gérard Berry, Michel Bidoit, Robert Cori, Dominique Perrin, Antoine Petit. |  |
| 18h | Departure by bus for <b>Château La Louvière</b> .                          |  |

**Friday, March 25**

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|--------|--------------------------|--|
| 9h     | <i>Jim Haglund</i>       | Combinatorial problems connected to Macdonald Polynomials.   |
| 10h    | <i>Cedric Join</i>       | Model free control : modeling and industrial applications : a mathematical tool for industrial applications. |
|        | Coffee break             |  |
| 11h 30 | <i>Jacques Demongeot</i> | On conjectures of M. P. Schützenberger about genetic regulation : the coding and its expression.             |

Lunch

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| 14h | <i>Matthieu Josuat-Verges</i> | Eulerian and André polynomials some recent developments. |
| 15h | <i>Sylvain Lombardy</i>       | On formal power series realized by two-way automata.     |