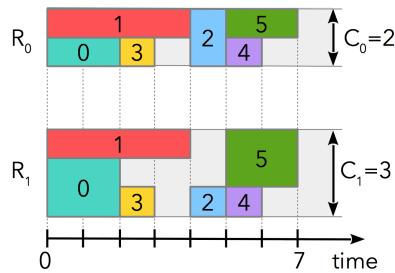
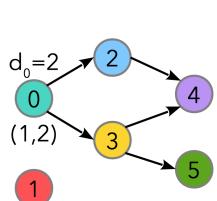




Combinatorial Optimization, Constraint Programming, Scheduling From **theory** to **practice**

Philippe Laborie, IBM
laborie@fr.ibm.com



About me

- Defended a PhD in Artificial Intelligence more than 20 years before the A.I. hype 😊
- Working at IBM in Paris, in a team that develops IBM CPLEX Optimization Studio (CPLEX, [CP Optimizer](#)), a tool for solving Combinatorial Optimization problems for our **customers**
- My job mainly consists in:
 - 1) Proposing and **implementing** improvements in our problem solver
 - 2) Contributing to the state-of-the-art in Combinatorial Optimization (publishing scientific papers, giving talks in conferences, ...)
 - 3) Helping our **customers** to formulate and solve their problems using our tool