

Club des Utilisateurs de CHIP 2003
CHIP Users' Club 2003 / Club des Utilisateurs de CHIP 2003
PROGRAMME
20th November 2003 / 20 Novembre 2003

8:30 - 9:30 **WELCOME / ACCUEIL**

SESSION 1 : Chair/Président: M.Dincbas, COSYTEC (France)

0. Introduction : by M.Dincbas
1. Opening Talk : by H.Goossens, **DELFT Hydraulics (Netherlands)**
President of the CHIP Users' Club 2003 / Président du Club Utilisateurs CHIP
2003
2. How should propagation and search be combined in complex applications
FRAUNHOFER (Germany) by H-J.Goltz

10:30 – 11:00 **BREAK / PAUSE**

SESSION 2 : Chair/Président: A.Chamard, DASSAULT Aviation (France)

3. Line balancing in Car Scheduling
PSA Peugeot Citroen (France) by M.Beauseigneur, S.Noiré
4. Subway driver assignment for the Metro of Sao Paulo City (Brazil)
CHOOSE (Brazil) by E.Cajado, J.Chartier
5. Architecture of the CHIP Debugger
COSYTEC (France) by A.Aggoun, D.Bocquet, I.Gouachi, M.Inelhaj, R.Martin

12:30 - 14:30 **LUNCH / Déjeuner**

SESSION 3 : Chair/Président: S.Noiré, PSA Peugeot Citroen (France)

6. Efficient CNF Encoding of Boolean Cardinality Constraints
LERSIA/Uni.Bourgogne (France) by O.Bailleux & **LIAFA/Uni.Paris6 (France)** by Y.Boufkhad
7. Etude de la contrainte globale diff3D dans CHIP
CUST (France) by M.Baiou & **COSYTEC (France)** by N.Boucher
8. Integer Programming and Constraint Programming in Solving a Multi-Machine
Assignment Scheduling Problem with Deadlines and Release Dates
CORE (Belgium) by R.Sadikov, L.Wolsey

16:00– 16:30 **BREAK / PAUSE**

SESSION 4 : Chair/Président: G.Narboni, IMPLEXE (France)

9. CLP and Decision Support in Water Management
DELFT Hydraulics (Netherlands) by H.Goossens
10. New Features in OPTI-CHANNEL
COSYTEC (France) by Y.Gloner, P.Charlier

19:30 **DINNER / DINER**

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9:00- 9:30 **COFFEE / CAFE**

SESSION 5 : Chair/Président: H-J.Goltz, FRAUNHOFER (Germany)

11. Debugging Constraint problems with portable tools
INRIA (France) by P.Deransart
12. Xpress-CP
DASH Optimization (USA) by A.Vazacopoulos, A.Dormer &
COSYTEC(France) by A.Aggoun

11:00– 11:30 **BREAK / PAUSE**

SESSION 6 : Chair/Président: T.Creemers, LOGIFLUX (Spain)

13. Solving Scheduling problems with CP with applications from Sports Scheduling
DASH Optimization (USA) by A.Vazacopoulos & **COSYTEC (France)** by A.Aggoun
14. La planification des ressources dans un entrepôt. Démonstration et manipulation
HARDIS (France) by F.Rousseau, G.Baudichaud
15. Constituting poster boards networks according to marketing and patrimony parameters
INSERT (France) by C.Gomez

13:00 - 14:30 **LUNCH / DEJEUNER**

SESSION 7 : Chair/Président: H.Goossens, DELFT Hydraulics (Netherlands)

16. New features in CHIP
COSYTEC (France) by A.Aggoun, D.Bocquet, I.Gouachi, R.Martin

DEMONSTRATION SESSION / SESSION DE DEMONSTRATIONS

Including / Comprenant

- OP-TEAM
- Xpress-CP
- CHIP V5.5
- OPTI-CHANNEL

CLOSING SESSION / SESSION DE FERMETURE