



INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE



INDUSTRIAL ELECTRONICS SOCIETY

**ETFA95** **PROCEEDINGS**

**1995 INRIA / IEEE  
Symposium on  
Emerging Technologies  
and Factory Automation**

October 10 - 13, 1995  
Paris, France

*Tome 1*

*Seay*

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Session Invitée / Invited Session

**Advanced Issues  
in Industrial Scheduling**

Président / chair : G. Neagu  
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## Invited Session Papers:

### A Constraint-posting Framework for Scheduling under Complex Constraints

*Cheng-Chung Cheng and Stephen F. Smith*

*The Robotics Institute, Carnegie Mellon University  
5000 Forbes Avenue Pittsburgh, PA 15213-3890 USA*

### Three Mechanisms for Managing Resource Constraints in a Library for Constraint-based Scheduling

*Claude Le Pape*

*ILOG S.A.,  
2 Avenue Gallieni, BP 85, F-94253 Gentilly Cedex, France*

### Effective and Efficient Solution of Some Lot-Sizing Problems by Tabu Search

*K. S. Hindi*

*Department of Computation, University of Manchester Institute of Science and  
Technology (UMIST)  
P.O. Box 88, Manchester, M60 1QD, England*

### An Integrated Approach for Loading, Routeing, and Scheduling in Flexible Manufacturing Systems

*Kiyoshi Kato*

*Nihon Fukushi University  
26-2, Higashihaemi-cho, Hanada, Aichi 475, Japan*