



3RD USA/Europe ATM R&D Seminar



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- Conclusions -



Achievements /1

Safety and Separation Standards

- ATM safety analysis is feasible, tools are rapidly improving, human performance is an essential factor

Human Factors

- HuFas have become a key area for understanding the impact of changes in concepts of operation
- Extensions of the work must continue to ensure safety and efficiency of operations as new concepts are explored and implemented



Achievements /2

Airborne Separation Assurance

- Has rapidly evolved from first ideas in previous seminars to an important operational concept

Capacity / Economics

- Growing understanding of the limits to growth

Environment

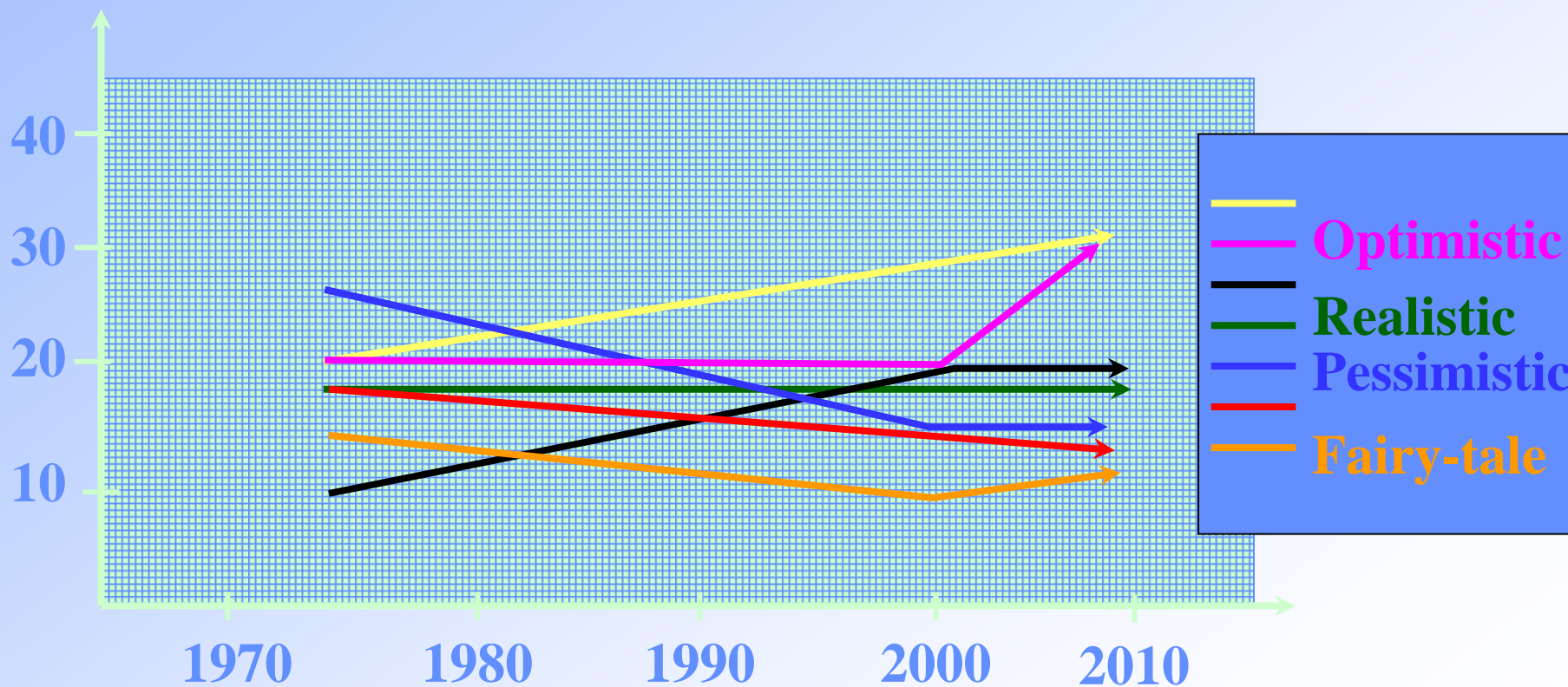
- First good papers on this subject - it has to be further developed (noise and emissions)



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Max Peak Instantaneous Number of Aircraft Handled by one ATCO





Achievements /3

The good cooperation and mutual understanding was confirmed in Naples

... let's continue !



Conclusions /1

The Proceedings

- “Working Proceedings” for all Participants
- Final Papers/Presentations on the Web + CD
 - <http://atm-seminar-2000.eurocontrol.fr>
 - <http://www.eurocontrol.fr>
- AIAA Book, some 30 2000 papers, some 98 papers, editor G Donohue
- ATC Quarterly Special Editions on Safety, Environment etc, coordinator D Zellweger



Conclusions /2

History

- Idea 95 - J Fearnside & JM Garot
- 1st Seminar Paris June 97
- 60 Participants / 40 Invited Papers
- 2nd Seminar Orlando December 98
- 110 Participants / Call for Papers: 108/50
- 3rd Seminar Napoli June 2000
- 150 Participants / Call for Papers: 127/64



Conclusions /3

The Next Conference

- Will there be one ? And if yes, where ?
- On which Subjects ?
- Participants (Customers - Students) ?
- Call for Papers ... which Selection Process ?
- How can we improve the Communication ?