LOGISIM

"McLeod Institute of Simulation Science Barcelona"

M.A. Piera

LOGISIM

Universitat Autonòma de Barcelona

Barcelona (Spain)

Goals

- **Promotion of the study, the application and the improvement of Industrial Automation techniques.**
- **Promotion of the cooperation among the University and the Industry.**
- **Promotion of the International relationships.**
- **Organization of Courses, Conferences, Congresses, Meetings, commissions of work and the elaboration of norms.**
- **Publication and Divulgation of norms, reports and monographs.**
- **Promotion of Laboratories and Teaching Centers.**

Web setup: http://tes.uab.es/MISS

Master on Logistics and Supply Chain Management

134522-LLP-1-2007-1-ES-ERASMUS-ECDSP

During the period 2007 – 2010 the Msc was designed to fulfill indutrial expectations
During the period 2011 – 2013 the Msc content was developed.
Period 2013 – 2014: The Msc has been launched.

- **<u>European dimension</u>**
  - Student
    - opportunity to develop international research/work activity
    - will benefit from different academic traditions
    - will benefit from different socio-cultural environments
 - Staff
    - emphasize exiting ties among partners, education&research
    - benefit from mobility among different academic environments
  - Europe.
    - Contribution to the implementation of the Bologna reform
    - Use of ECTS and Diploma Supplement
    - Developing of European citizenship
    - Able to respond to European professional development needs (training in an international environment on transnational issues).
    - Develops European citizenship and cultural understanding.
    - The envisaged innovative programme may attract overseas students and encourage cooperation with non-European institutions.

European Official Msc on Aeronautical Management.

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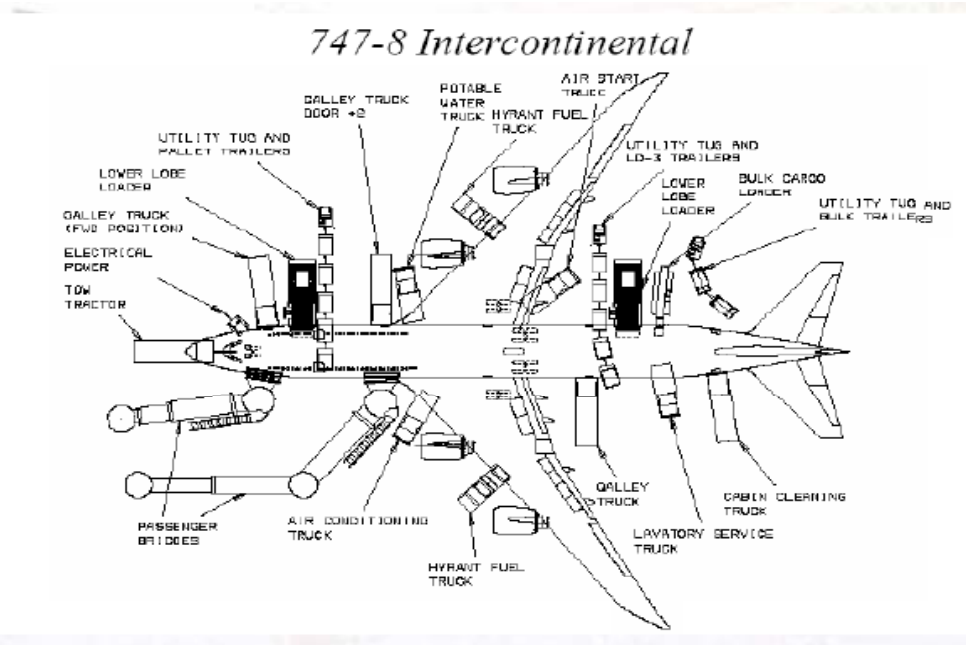
UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO

FACULTAD DE INGENIERÍA

MODELOS DE SIMULACIÓN USANDO SIMIO Y REDES PETRI

Coordinadora: Idalia Flores de la Mota

Jaume Figueras,

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Miguel Antonio Mújica,

Mercedes Narciso,

Miquel Angel Piera

DIVISIÓN DE INGENIERÍA MECÁNICA E INDUSTRIAL

DEPARTAMENTO DE SISTEMAS

XIT XARXA DE CENTRES DE SUPORT A LA INNOVACIÓ TECNOLÒGICA

UPC

Cooperation with other MISS Research groups

Universidad Nacional Autónoma de Méjico:

- Faculty and Student Mobility

Riga-Technical University:

- Socrates-Erasmus Collaboration

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Cooperation with other Research groups

FUPOL FP7 Project: Future Policy Modeling

SEVENTH FRAMEWORK PROGRAMME

FUPOL
politics 2 steps ahead

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Consortium

Cellent AG
Xerox SAS
Fraunhofer IGD
City of Zagreb
Yantai IIC
BIT
ZIH
SSEI
UAB
EASY Connects
Active Solution
Interfusion Ltd

FUPOL consortium

The FUPOL consortium consists of 18 partners from 9 countries and comprises innovative multinational companies, leading research institutes, high-level political organizations as well as strong pilot partners. It has a good balance of research partners, IT-industry industrial, governmental partners and political cluster organizations capable to ensure wide-spread dissemination and exploitation. The project also has potential to generate a huge impact in Europe and beyond.

SHARE

Language

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Cooperation with other Research groups

TTrans FP7 Project: Enhancing the Transfer of ITS Innobvations to the Market

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Cooperation with other Research groups

Stream EuroControl Project:

2.5 STREAM

Title	STREAM: Strategic Trajectory de-confliction to Enable seamless Aircraft conflict Management.
Members	Advanced Logistics Group (ALG) (co), Boeing Research & Technology Europe (BR&TE), Universidad Autónoma de Barcelona (UAB)
Summary	The STREAM project aims to investigate innovative strategic trajectory-de-confliction algorithms that can reduce the conflict management automation gap between the pre-departure and flight execution phases. The underlying concept is that of extending the NOP rolling-planning concept to separation management by means of a seamless conflict-management process that would run continuously from the strategic phase (pre-departure, collaborative design of the NOP) up to the execution one (automation-assisted, controller-driven conflict resolution). The project will define new metrics to evaluate the performance of such algorithms. In particular, a metric to measure the fairness of a trajectory de-confliction solution will be defined, in order to evaluate how fairly the cost penalties associated to the deviations from the original SBTs proposed by the de-confliction algorithms are distributed among airspace users.
HALA! Tutors:	Washington Ochieng (Imperial College), Thomas Feuerle (TU Braunschweig)

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