





International Congress on Environmental Modelling and Software (iEMSs'2008)

Integrating Sciences and Information Technology for Environmental Assessment and Decision Making

Barcelona 2008

July 2008













Technical University of Catalonia (UPC)

- 65 Degrees
- 16 Schools and Faculties
- 10 Campus
- 13 Libraries
- 41 Departments
- 3 Research Institutes
- 9 Consortiated Schools and Faculties
- 12 Vinculated Entities

- 32.398 undergraduate students
- 2.985 Ph. D. students
- 2.642 Research and Teaching staff
- 1.294 Administrative staff
- 267.187.281 € Public funding (2005)
- 48.260.800 € generated by Research, Innovation and Technological Transfer (2005)

Member of CLUSTER consortium



Organising Groups

- Knowledge Engineering
 & Machine Learning
 Group (KEMLG)
- Dept. of Computer Software
- Technical University of Catalonia
- Campus Nord
- Barcelona

- Chemical and Environmental Engineering Laboratory (LEQUIA)
- Institute of Environment
- University of Girona
- Campus de Montilivi
- Girona





KEMLG (1)

- Knowledge Engineering and Machine Learning
 Group was founded in 1989 within the Department of
 Computer Software at UPC
- Members
 - 1 Full Professor
 - 6 Associate professors
 - 2 Post-doc researchers
 - 1 partial-time post-doc researcher
 - 7 Ph.D. students
 - ≅ 10 undergraduate Master's Thesis students



KEMLG (2)



Environmental Sciences

Health

Knowledge Management

Multiagent Systems and Grid Computing

Machine Learning and Data Mining

Knowledge Representation

IEDSS, Intelligent Decision Support Systems

LEQUIA (1)

- Chemical and Environmental Engineering Laboratory was founded in 1993 within the Department of Chemical Engineering at UdG
- Members
 - 1 Full Professor
 - 6 Associate Professors with a PhD in Sciences, Environmental Technologies or Civil Engineering
 - 2 Assistant professors
 - 15 PhD Students
 - 1 Post-doc researcher
 - 2 Technicians
 - $\cong 5$ undergraduate Master's Thesis students



LEQUIA (2)











- ✓ Environmental Decision Support Systems
- ✓ Biological Nutrient Removal processes
- ✓ Multi-criteria conceptual (re)design
- ✓ Fuzzy control
- ✓ Sludge revalorisation
- ✓ Cleaner Technologies



VENUE

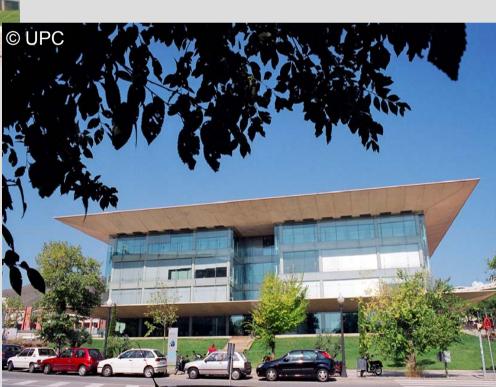


CAMPUS NORD - UPC - BARCELONA



TECHNOLOGY TRANSFER POINTS

NEXUS and NEXUS 2

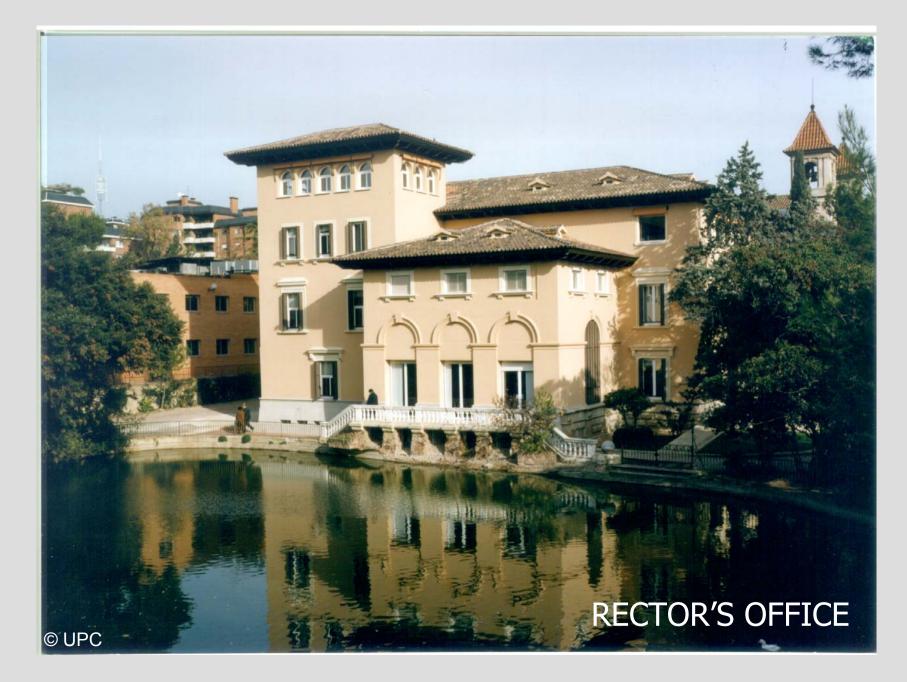


LIBRARY RECTOR GABRIEL FERRATÉ





COMPUTER SOFTWARE DEPT. OMEGA Building





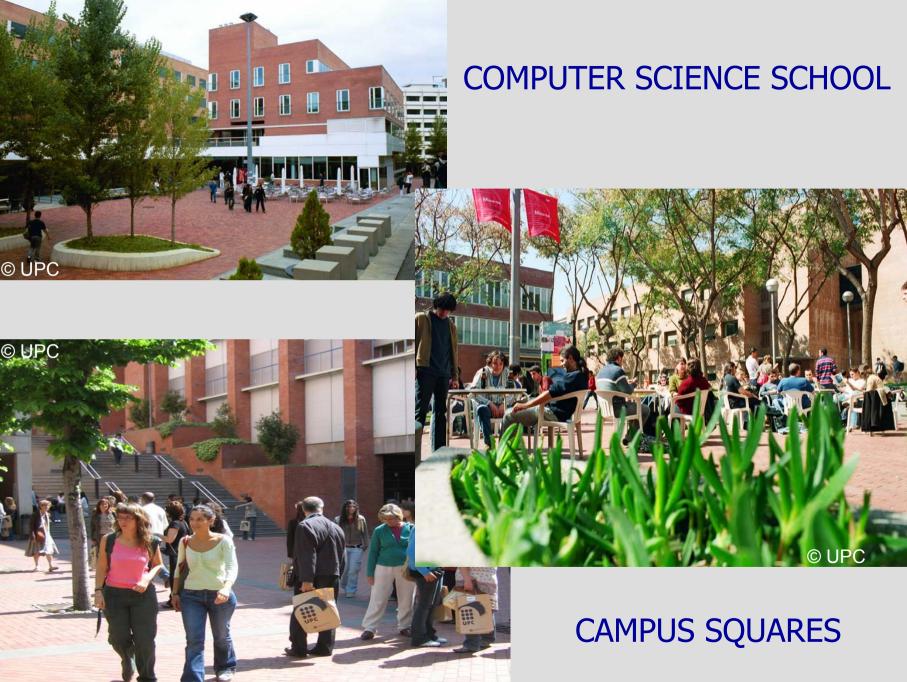


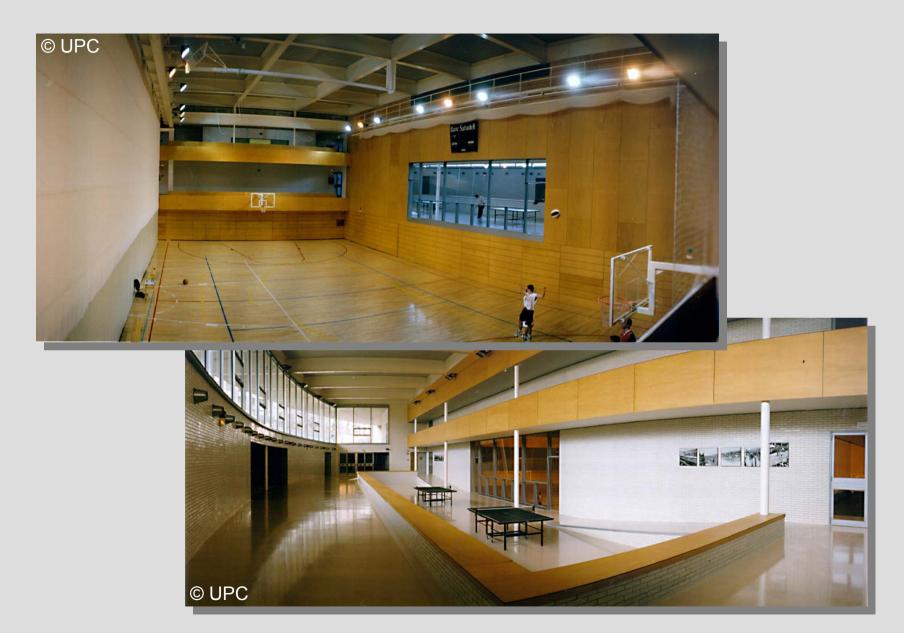


CAMPUS VIEW

COMPUTER LABORATORY ROOMS







SPORT CENTER

What to do and what to see in BARCELONA?









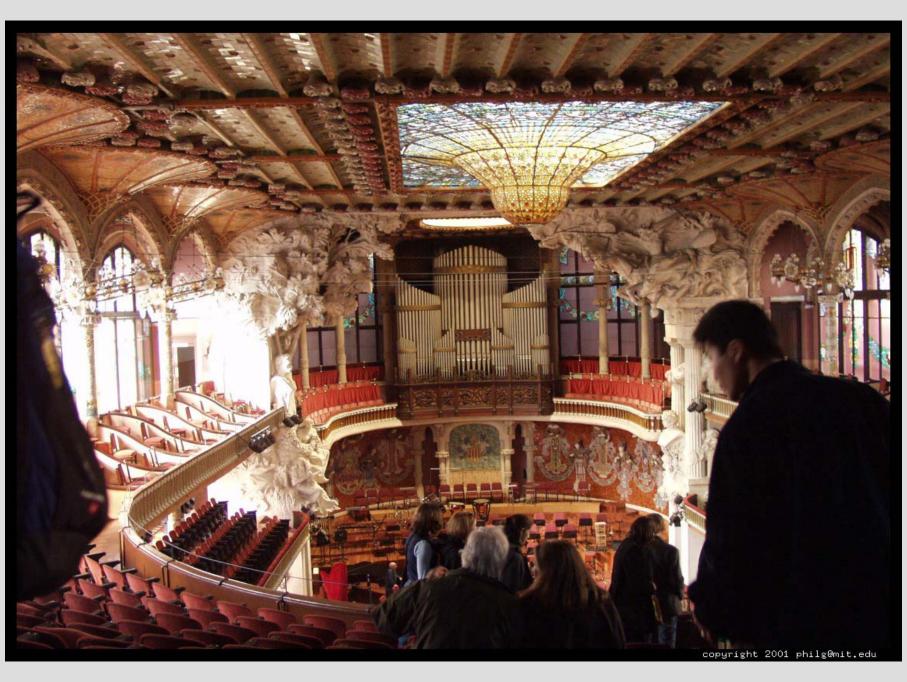
UNESCO World Heritage Catalan modernism (Antoni Gaudí)



UNESCO World heritage Palau de la Música Catalana (Domènech i Muntaner, 1905-1908)







OPERA HOUSE: Gran Teatre del Liceu



Museums: Picasso, Miró, MACBA, ...

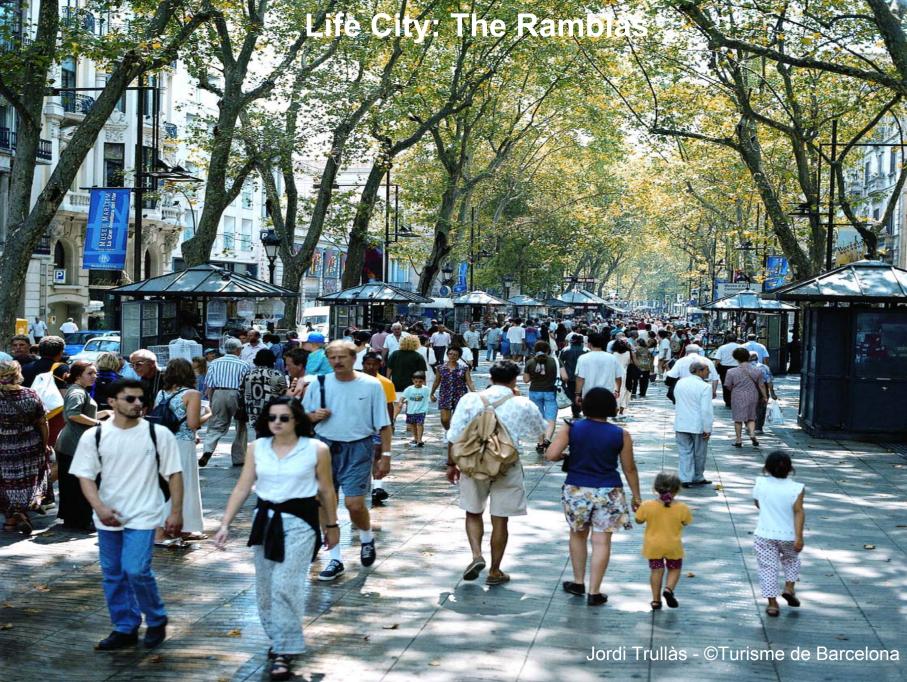


Old Town: Gothic quartier









Night Life: Montjuïc's Magic Fountain Copyright www.barcelona-tourist-guide.com





Litoral SeasideOld Harbour

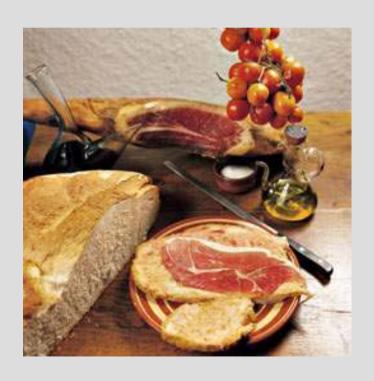




Espai d'Imatge - ©Turisme de Barcelona

Olympic Harbour and Beaches

Gastronomy





SPORT





F.C. Barcelona Stadium



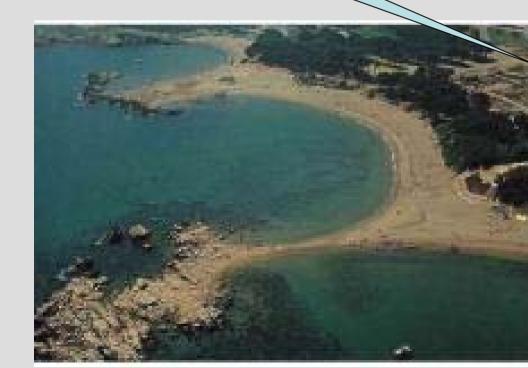
F.C. Barcelona Museum

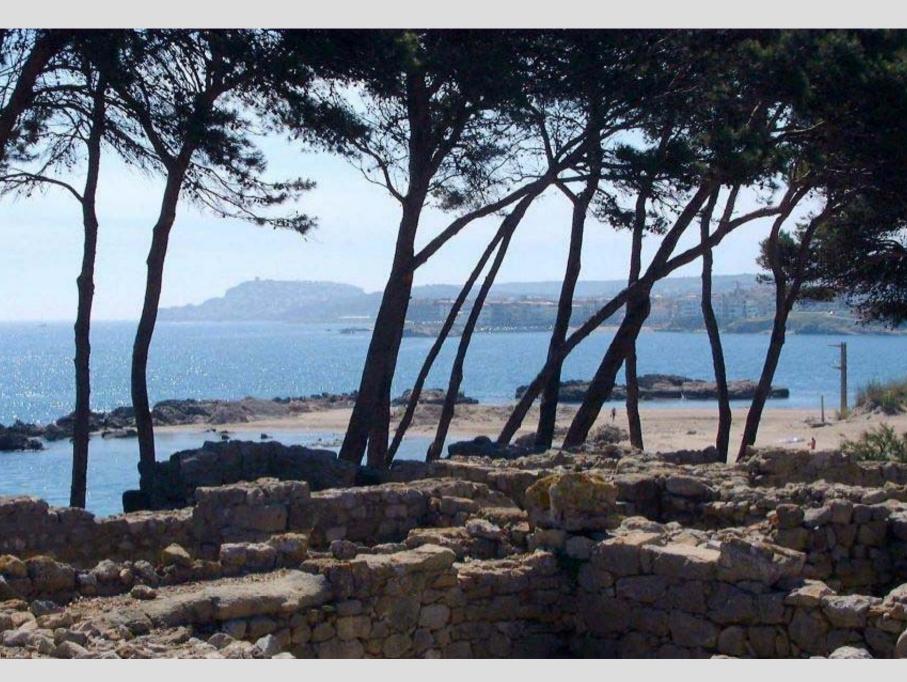
What to do and what to see in the surroundings?





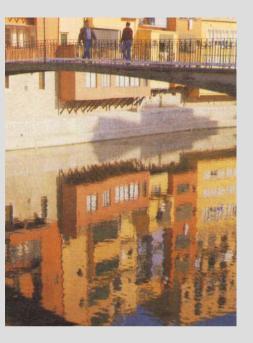
Archeological sites and Beach: Empúries VIth century bC







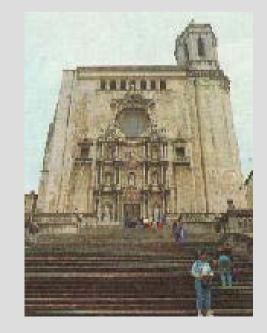






GIRONA Jewish quartier

GIRONA's Cathedral





Beaches:The Costa Brava



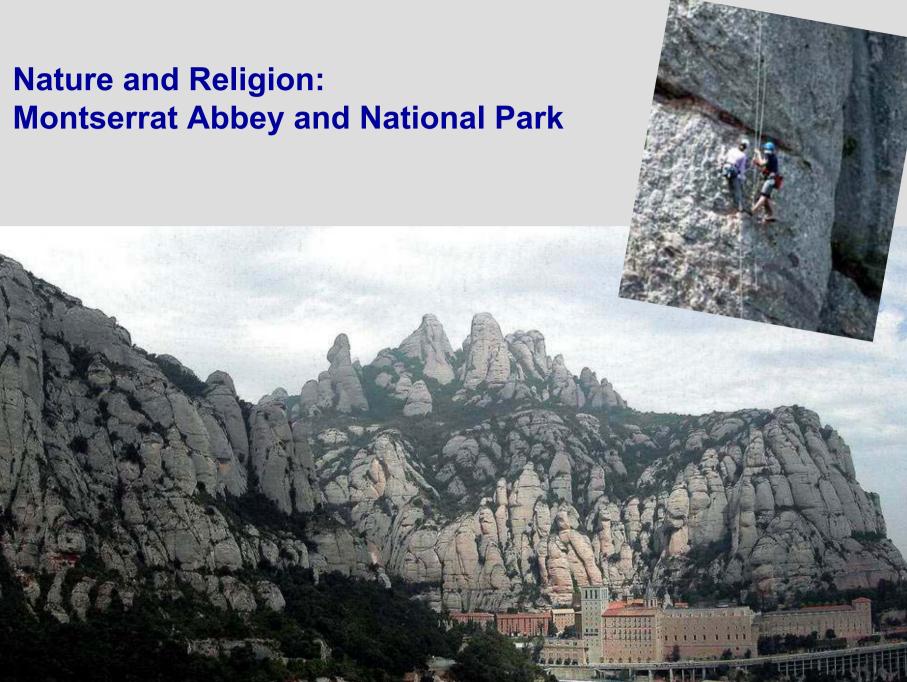






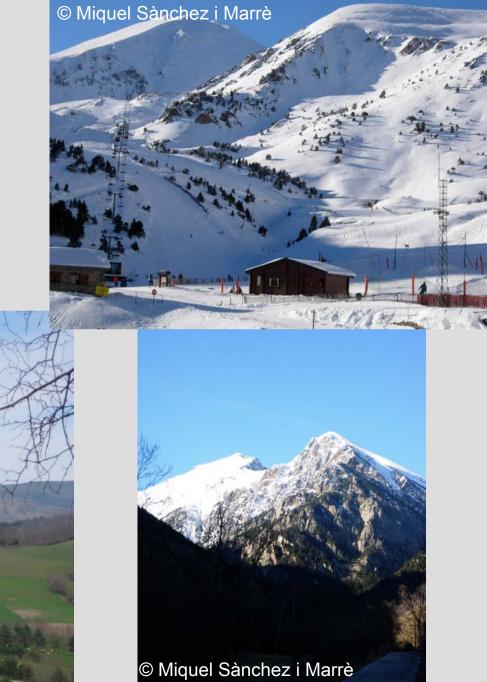






Pyrenees mountains

© Miquel Sànchez i Marrè



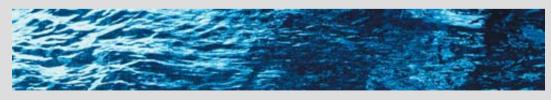


How to get Barcelona?

- By plane:
 - El Prat International Airport
 - Girona-Costa Brava Airport
 - Many low-cost companies (RyanAir, etc.)
- By train
 - Sants Central Train Station
- By ship
 - Barcelona harbour
 - Many cruises and ferries available

Related Events

International Exposition
EXPO ZARAGOZA 2008
Water and Sustainable Development
June 14 – September 14 2008
Zaragoza, Spain



http://www.expozaragoza2008.es/lib/p_idiomas.asp?idioma=EN

SEE YOU in 2008 !!!