



CENTRO DE AUTOMÁTICA Y ROBÓTICA

Who I am

Claudio Rossi

With: Centre for Automation and Robotics, Madrid, Spain

- CAR is a joint research centre between the Technical University of Madrid (UPM) and the Spanish National Research Council (CSIC)
- Robotics and Cybernetics Research Group

POLITÉCNICA

CSIC
Consejo Superior de Investigaciones Científicas

robotics.upm.es
Robotics
& Cybernetics

Education: Computer Science / AI (Venice and Bologna, Italy)

Research Interests:

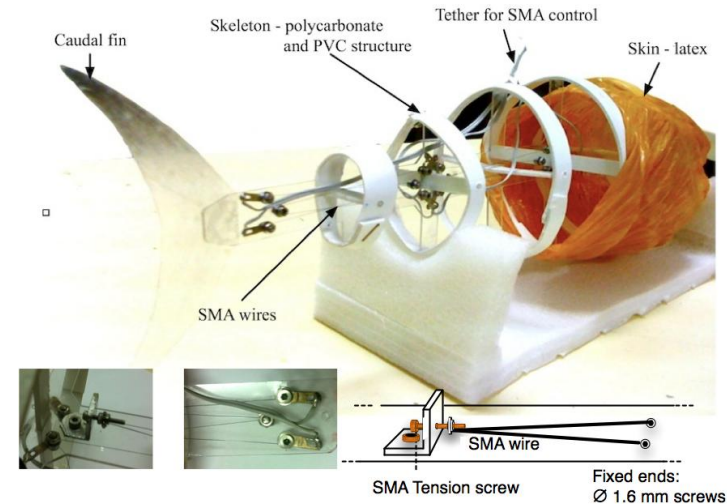
- Optimization (evolutionary), *COPs*
- Applications of EAs to robotics
- Robot cooperation (task assignment w/ negotiations)
- Bio-inspired robots

Motor-less and gear-less robots

→ Robots devoid of 'classical' electro-mechanic technology

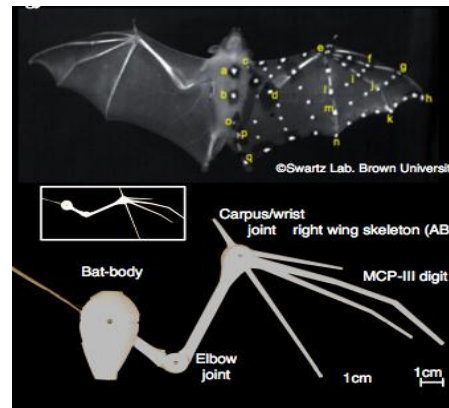
iTuna

- Bendable structure
- SMA-based artificial muscles



BatBot

- Morphing wings
- SMA-based artificial muscles



CONTACT

Prof. **Claudio Rossi**
 Robotics & Cybernetics Research Group
 Centre for Automation and Robotics
 Universidad Politécnica de Madrid - CSIC

Claudio.Rossi@upm.es
<http://robcib.etsii.upm.es>