

# Towards a framework for a service-oriented automated negotiation

**Manuel Resinas**

**Pablo Fernández**

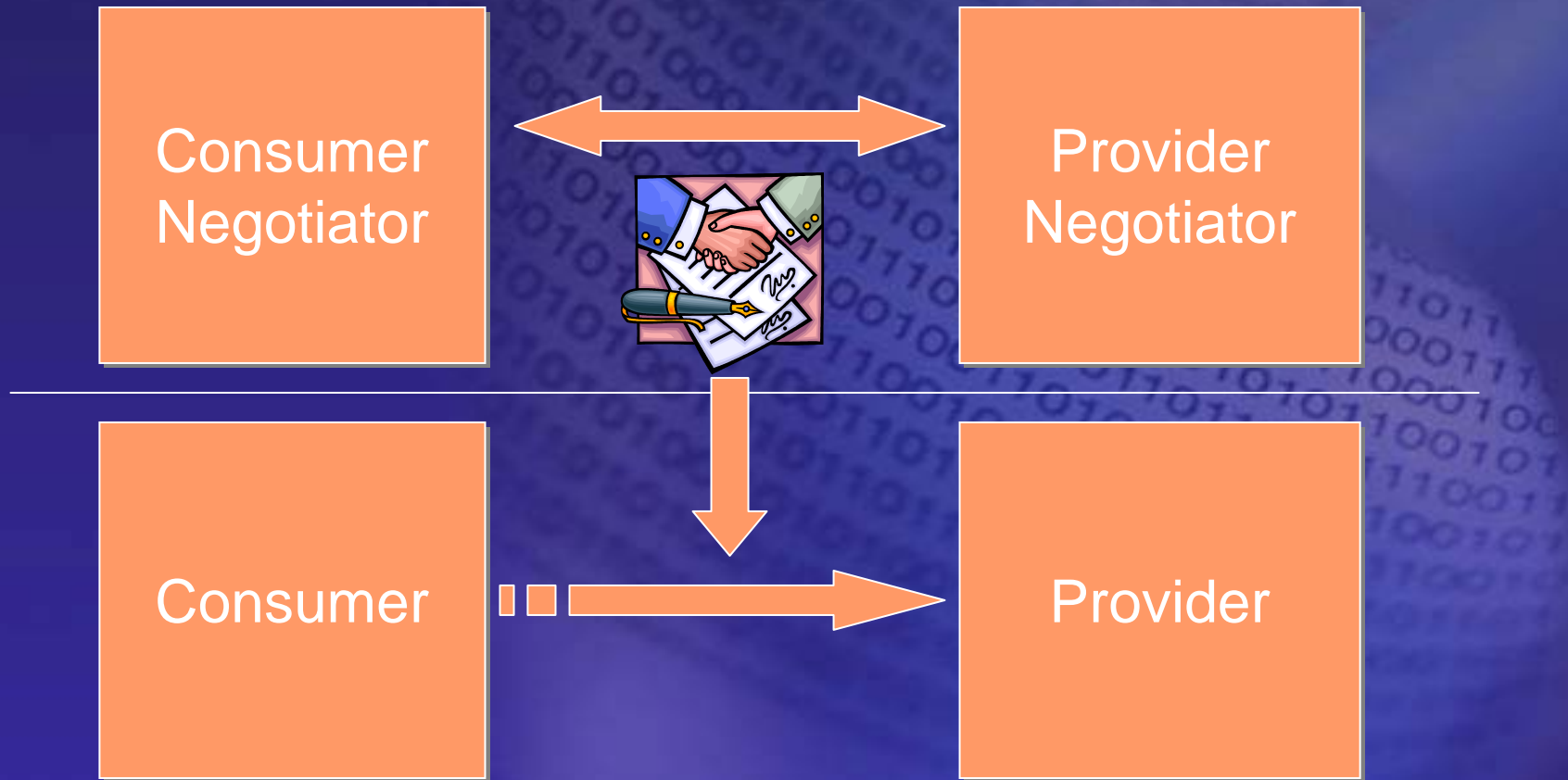
**Rafael Corchuelo**

University of Seville  
Spain - España



The **Distributed**  
Group  
**SEVILLE**

# Context: Service-oriented environment



# Roadmap

Negotiations

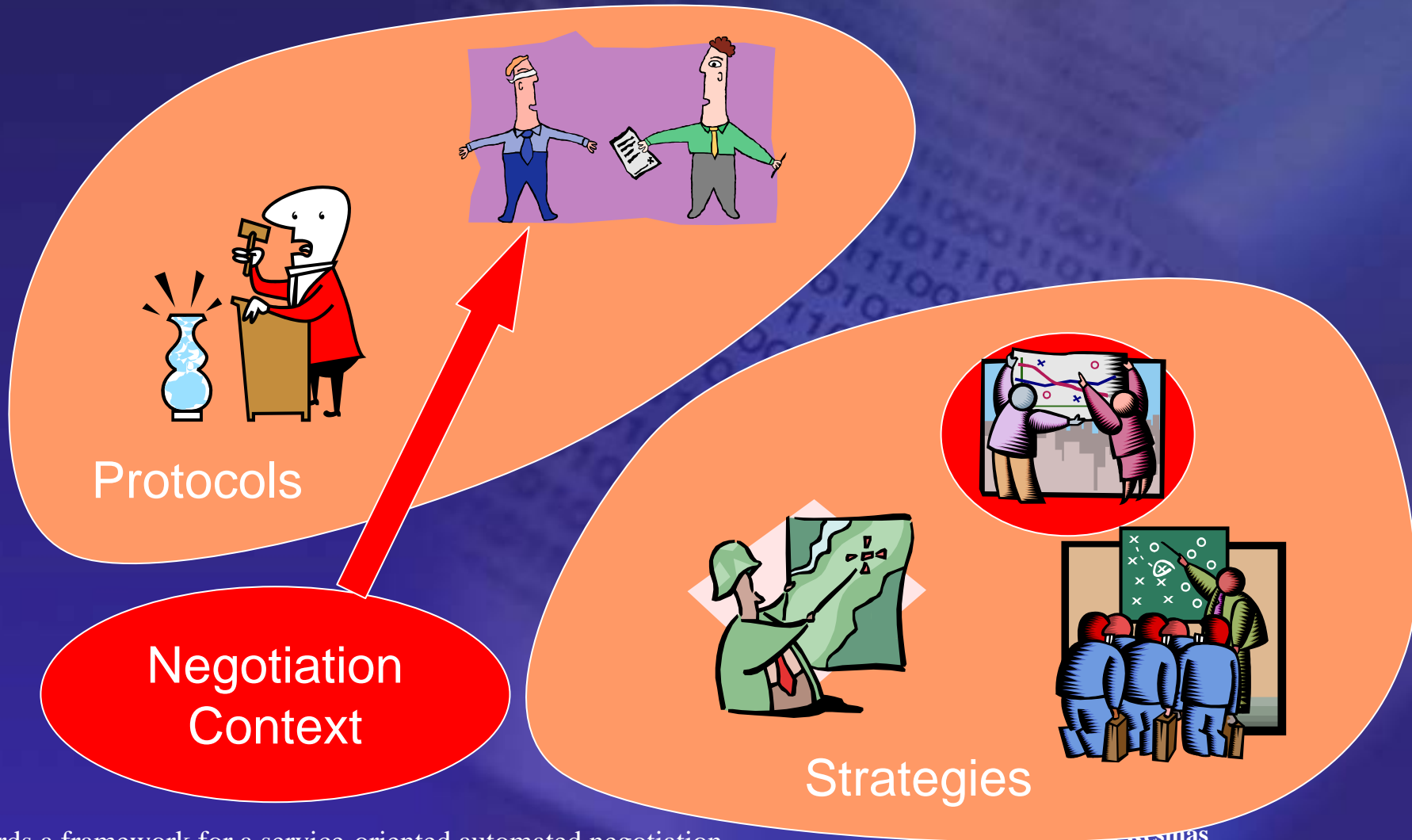
Goal

The framework

Current work

Related work

# Context: Negotiations



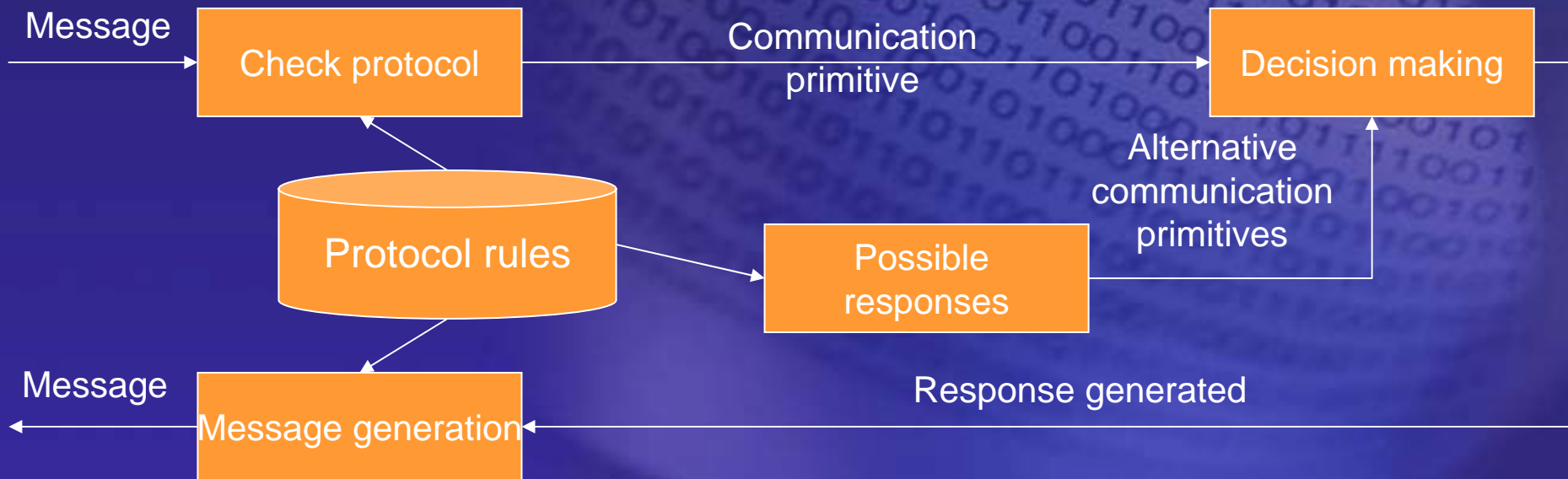
# Goal

**Common framework that supports those negotiation protocols and strategies and selects the best option to use in every moment**

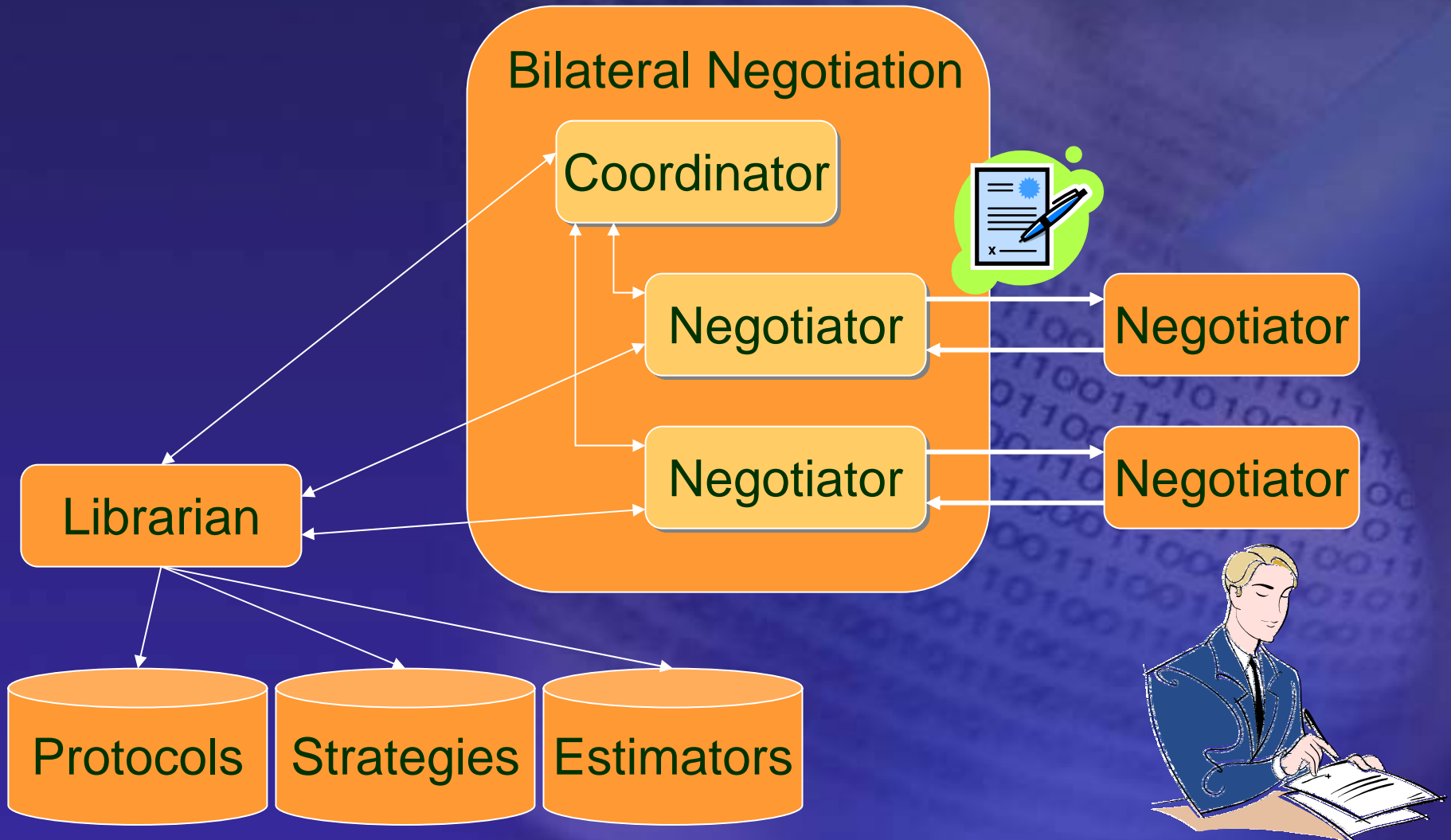
# The framework

Neat distinction between protocol and strategy (decision-making)

Phases in decision-making



# Current work



# Related Work

	Several protocols	Decision Making support	Protocol/ Decision Making Separation	Evaluation indep. of strategy	Dynamic change of strategy	Decision Making phases
WS-Agreement Negotiation	No	No	N/A	N/A	N/A	N/A
FIPA ContractNet	No	No	N/A	N/A	N/A	N/A
Bartolini et al.	Y	No	N/A	N/A	N/A	N/A
Tu et al.	Y	Y	Y	No	No	No
PANDA	Y	Y	Y	Y	Y	No
Ours	Y	Y	Y	Y	Y	Y

# Thank you

Contact us:

e-mail: [resman@tdg.isi.us.es](mailto:resman@tdg.isi.us.es)

web: <http://www.tdg-seville.info>



The Distributed  
Group  
SEVILLE