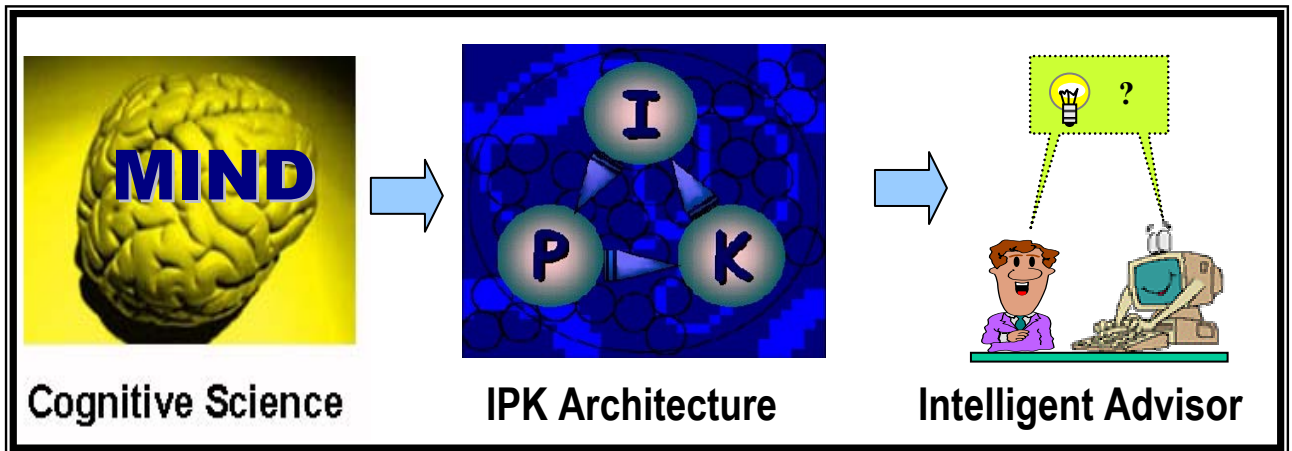




# Cog-SOPHOCLES: Intelligent Cognitive Advisor

## Sub-project of SOPHOCLES

The objective of the Cog-SOPHOCLES is a theoretical and experimental elaboration and validation of the methodology and architecture for the development of Intelligent Cognitive Advisor (ICA). It should provide an active reasoning-based support for networked e-Design of Systems-On-Chip.



### Methodological Approach:

- Socio-cognitive paradigms (TOGA)
- Incremental personalized IPK (Information, Preferences, Knowledge) Data Model of Structural Intelligence
- Chatterbot interaction with the user

### Client-Server Software Platform

ICA supports Configuration and Simulation Phase of e-design. ICA is designed as an autonomous decision-support module for the SOPHOCLES Cyber Virtual Enterprise.

**CYBER ENTERPRISE**

**Cog-Sophocles 1**  
Intelligent Cognitive Advisor

Method: Personoid IPK Intelligence Frame  
VB-5, Prototype 02

Intelligence and Decision Research Group  
CAMO - ENEA

Set-Up Sessions      Run Session

Exit      Registration      Inform and Teach      Assistance ON

A.M.Gadomski, G.Dipoppa, G.Vicoli, S.Bologna, A. Di Giulio.

HID (High-Intelligence and Decision) Research Group, CAMO, ENEA, Italy, 6 Feb. 2002

[decision@casaccia.enea.it](mailto:decision@casaccia.enea.it), <http://erg4146.casaccia.enea.it>