



MAKE MACHINES THINK!



WE MAKE MACHINES THINK !

Marvin Minsky, Cognitive Scientist, Father of AI, Founder and Director of the MIT AI Lab said once a while : "If you understand something in only one way, then you don't really understand it at all. The secret of what anything means to us depends on how we've connected it to all other things we know. Well-connected representations let you turn ideas around in your mind, to envision things from many perspectives until you find one that works for you. And that's what we mean by thinking!"

It took us almost 2 years to find a solution of how to design psychological or cognitive components and implement them within artificial intelligent solutions. And the job is done ! The result is that those AI engines are able to understand the context and take appropriate actions. On the next page you will find our Cognitive and Psychological Functional Architecture which supports this.

Some innovations are: our learning solution is designed so that the machine is acquiring information in a way human does. We also worked on specific dynamical object properties to take care of the context so that each "virtual brain" can now adapt himself to his context. We enhanced the representation process to be able to work with knowledge and build an understanding of his own world, were psychological needs can be assessed and satisfaction can be measured. Using core cognitive processes such as reasoning, decision making and problem solving, we were able to setup attitudes that the AI should have to take action, communicate and interact. All these core components are using Beamak's Smart Neuron architecture which is mostly based on how information is processed by our neurons.



Beamak SAS
58 route Nationale
80500 Contoire-Hamel
France

Phone
+33 763 633 003

Mail
info@beamak.com

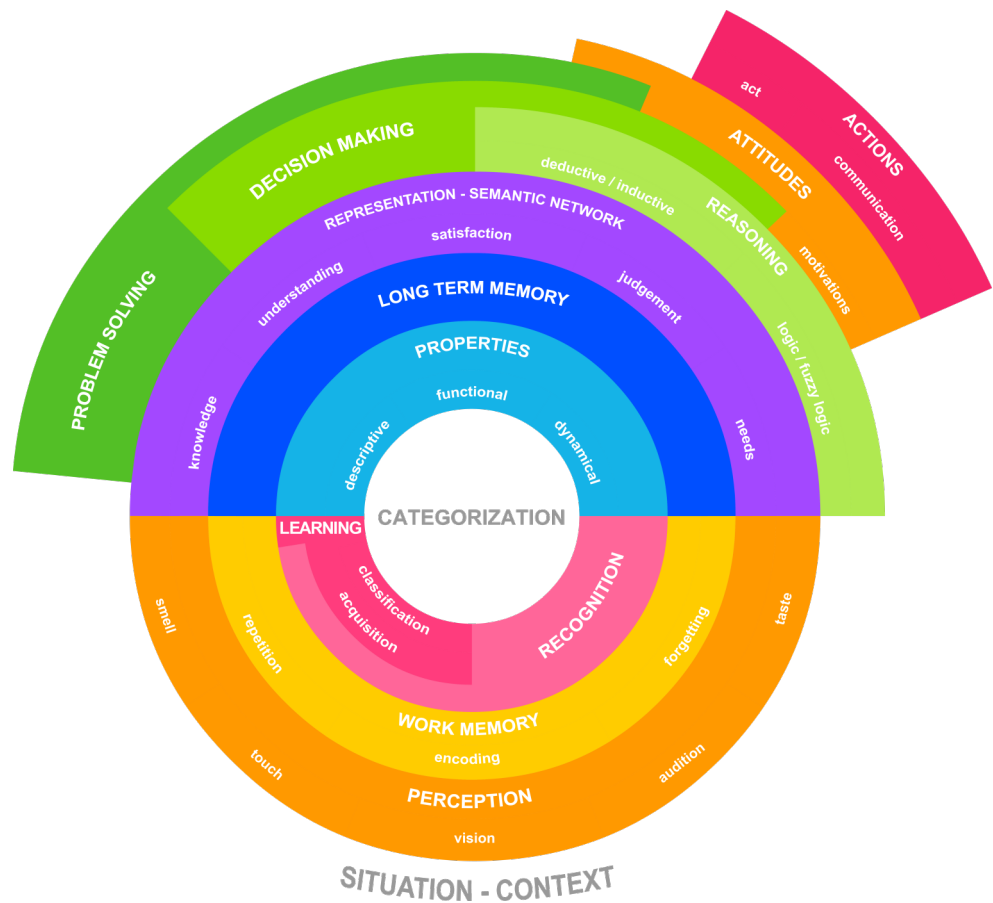
Follow us on Twitter
@BeamakSAS

www.beamak.com

Jurisdiction
RCS Amiens

SIREN
834 482 937

Represented by
Mark Pohlmann



Beamak's Cognitive and Psychological Functional Architecture

Beamak - We make machines think !

Beamak was created in 2016 by Cognitive Psychologists who worked for the French National Center for Scientific Research (C.N.R.S.) and the Computer Science Laboratory for Artificial Intelligence (LAFORIA).

Our functional cognitive architecture using core Psychological components brings to AI engines the ability to understand a context and adapt their attitudes to act and communicate. These components are using Beamak Smart Neuron concept which is processing data in a natural way.

Beamak is helping companies worldwide to accelerate their digital transformation by creating and designing AI solutions which includes cognitive and psychological features.

Founders of Beamak worked for over 20 years for leading consulting and technology companies such as Andersen Consulting, Accenture, Cap Gemini or Hewlett-Packard, managing over 200 projects for Fortune 500 companies in EMEA.

At Beamak, we love what we do and we stick to our promises. We would be glad to be part of your next journey.

Looking forward to work with you soon...

