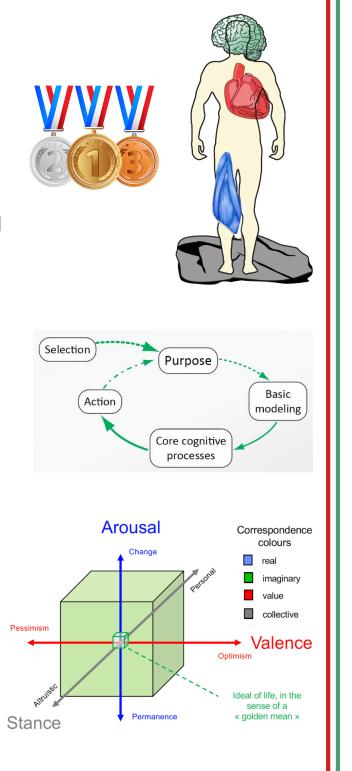


## Cognition – Basic Modelling of Values

- In human beings, the heart is a good indicator of the values at stake.
- Emotions and values correspond to the choice of priority goals, and therefore form the basis of rules and paradigms.
- The choice of a goal, a purpose, helps to concentrate the real means necessary for appropriate cognition and action, i.e. to correspond to values.
- What is good is what contributes to reaching the goal, to achieving the values pursued.
- The adoption of values, the choice of a goal is a prerequisite for any modelling.
- Opportunities and threats correspond to the positive or negative character, good or bad, of the circumstances in which the agent finds himself, of the elements that affect him, that determine his pleasure or displeasure.
- Goods (physical elements) and services (immaterial elements) are typical values.
- A value is often a degree on an axis but also, here especially, the property itself, Stance measured on this axis.



## References

- 1. J.-D. Dessimoz, HESSO.HEIG-VD, 2<sup>nd</sup> Int. Conf. on Natural Cognition, 10-11 Dec. 2015, Macao
- 2. Cours AIC-Automatisation avancée, intelligence artificielle et cognitique, JDZ, HESSO.HEIG-VD, Yverdon-les-Bains, Suisse, 20 février 2017.
- 3. SGAICO Annual Assembly and Workshop Deep Learning and Beyond, Nov. 16, 2016 Hochschule Luzern Informatik Campus Zug-Rotkreuz, Switzerland
- 4. Robotics and Automated Systems-Elsevier, nov. 2016, <a href="http://dx.doi.org/10.1016/j.robot.2016.08.008">http://dx.doi.org/10.1016/j.robot.2016.08.008</a>
- 5. J.-D. Dessimoz, "Principes de vie cognition et sagesse", Conférences et discussions philo / éco / mythe, Evénement "Un Lieu", Claire Dessimoz organisatrice, Espace d'Art Tunnel Tunnel, progr. Sophie Ballmer, Olivia Fahmy, Anne Sylvie Henchoz et Guillaume Pilet, Lausanne, 13.10.2018
- 6. Jean-Daniel Dessimoz, « Cognition and Cognitics Definitions and Metrics for Cognitive Sciences, in Humans, and for Thinking Machines, 2nd edition, augmented, with considerations of life, through the prism "real imaginary values collective", and some bubbles of wisdom for our time », Roboptics Editions IIc, Cheseaux-Noreaz, Switzerland, 345 pp, March 2020.