

# **An Argument for the impossibility of Human-Robotic Communication**

**Petros A. M. Gelepithis**

**Cognitive Science Laboratory  
Kingston University**

## **Abstract**

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The underlying assumptions of our argument are: a) the theory of evolution, and b) the *feasibility* of the *strong* engineering objective of AI.

The first part of the seminar will: (i) clarify the notions of ‘intelligence’, ‘mind’, and ‘human nature’; (ii) provide necessary and sufficient conditions for the mental; and (iii) end with definitions of ‘human’ and ‘robot’.

The second part will briefly review the literature on communication and define it in a way that both makes it applicable across the range of animals and machines and can be used as an explanatory theoretical construct across disciplinary lines. Our argument is a consequence of the axiomatic system developed in parts one and two.

The final part of the seminar will be based along three discussion points. They concern human and robotic intelligence, cognition and knowledge.