Department | 13 - General Studies
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Course title | Human-Machine Communication
Hours per week | 2
Number of ECTS credits | 2
Course objective | In this lecture, we will explore the philosophical and computational basis of communication.
Prerequisites | none
Recommended reading | A full script with review questions will be provided at the beginning of the semester.
Teaching methods | Lecture with questions and classroom discussion.
Assessment methods | Regular attendance at the lectures is essential.
Language of instruction | English
Name of lecturer | Russell Block
Email | block@hm.edu
Course content | Have you ever wished that, instead of C++, you could use ordinary English (or even German!) when talking to your computer? Capt. Kirk can - why can't you? Just think of the possibilities - you could tell your data base exactly what you want to know, or hold an intelligent conversation with an Expert System. For the last forty years, research in Artificial Intelligence (AI) has been working on this problem. In this lecture, I will provide an introduction to the basic problems of human-machine communication, based in part on my own experience in AI research projects.