


 Faculty of Applied Sciences

INGI2369 Artificial intelligence seminar

[30h] 3 credits

This two-yearly course is taught in 2006-2007, 2008-2009,...

This course is taught in the 2nd semester

Teacher(s): Yves Deville, Pierre Dupont (coord.)
Language: French
Level: Second cycle

Aims

- To study recent advances in artificial intelligence
- To summarize a technical or scientific AI paper and discuss it with a critical viewpoint

Main themes

Themes are chosen among recent advances in artificial intelligence or, more specifically, machine learning

Content and teaching methods

Illustrative examples:

- Hidden Markov models
- Boosting and bagging algorithms
- Support vector machines
- Automata induction techniques
- N-grams models
- Probabilistic context-free grammars

Teaching methods: student seminars

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisites: Courses in artificial intelligence (INGI2262 or INGI2261 or INGI2365 according to the current year topic)

Other credits in programs

FSA3DA	Diplôme d'études approfondies en sciences appliquées	(3 credits)
FSA3DS/IN	Diplôme d'études spécialisées en sciences appliquées (informatique)	(3 credits)
INFO22	Deuxième année du programme conduisant au grade d'ingénieur civil informaticien	(3 credits)
INFO23	Troisième année du programme conduisant au grade d'ingénieur civil informaticien	(3 credits)