



# EUNITE Roadmap



Intelligent Training and Education in Europe

The survey was to find training and education possibilities of Universities in Europe. The survey was executed mainly with the help of the Internet. One suitable choice for Internet survey is to find an Internet page that contains the list of European Universities and this choice was also advantaged in this survey. The Internet page used in the survey was Braintrack University Index. [<http://www.braintrack.com>]

At the start of the survey was the suitable headwords decided. Most of the courses were found with the help of the headwords like: "intelligent", "fuzzy", "expert system" etc. Braintrack Internet page includes European Universities split in four different geographical sections, Central Europe, East Europe, Islands and West Europe. Search of the courses showed that most of the courses were found from Computer Science and Engineering Science Faculties. The variation of the Courses was from Basic Intelligent Courses to the Intelligent Training Programs. Also some Intelligent Internet Distance Courses were found in the survey.

Total number of courses founded in Europe was 412. Most of the courses were Artificial Intelligence courses with 187 finds. The number of Countries giving Intelligent Education was 28 and most of courses were found from England with 111 finds. All this information is shown in the Table 1. The Figure 1 shows the number of Courses by Topic and Country in bar chart formation.



Table 1. Number of Courses by Topic and Country

		Topics																Total
		Intelligent and Expert Systems	Neural Fuzzy Systems	Genetic Algorithms	Artificial Intelligence	Machine Learning	Fuzzy Sets And Logic	Neural Networks	Fuzzy Systems	Logic Programming	Intelligent Networks	Neuro-Fuzzy	Knowledge Engineering	Fuzzy Control	Intelligent Control	Neural Computing	Not Specified	
1.	Austria	3			3		1	3									1	11
2.	Belgium				5		1											6
3.	Cyprus	1			3					1								5
4.	Denmark	2				1	1	3					1	3			2	13
5.	England	7		1	53	5	1	20		2			10		1	6	5	111
6.	Estonia				1													1
7.	Finland	5	1		8	3	2	3	1	3	2	1	1	1	2	4	3	40
8.	France				5													5
9.	Germany		1	3	9	5	1	13	6	2		3		1			5	49
10.	Greece	1			2	1											1	5
11.	Iceland																2	2
12.	Ireland				13			2		1	1		1				4	22
13.	Italy				13													13
14.	Malta				1	1	1			1								4
15.	Netherlands	1			4		1	3		2			4					15
16.	Northern Ireland				1			1		2			1					5
17.	Norway																1	1
18.	Poland	1			1			1										3
19.	Portugal				15			2									1	18
20.	Romania	2			2			1										5
21.	Russian Federation				1													1
22.	Scotland				5	1				1						1		8
23.	Slovenia	1																1
24.	Spain				7											2		9
25.	Sweden	1		1	26	1		11		5							1	46
26.	Switzerland				2													2
27.	Turkey				4	1		1		1						1		8
28.	Wales				3													3
	<b>Total</b>	<b>25</b>	<b>2</b>	<b>5</b>	<b>187</b>	<b>19</b>	<b>9</b>	<b>64</b>	<b>7</b>	<b>21</b>	<b>3</b>	<b>4</b>	<b>18</b>	<b>5</b>	<b>3</b>	<b>14</b>	<b>26</b>	<b>412</b>

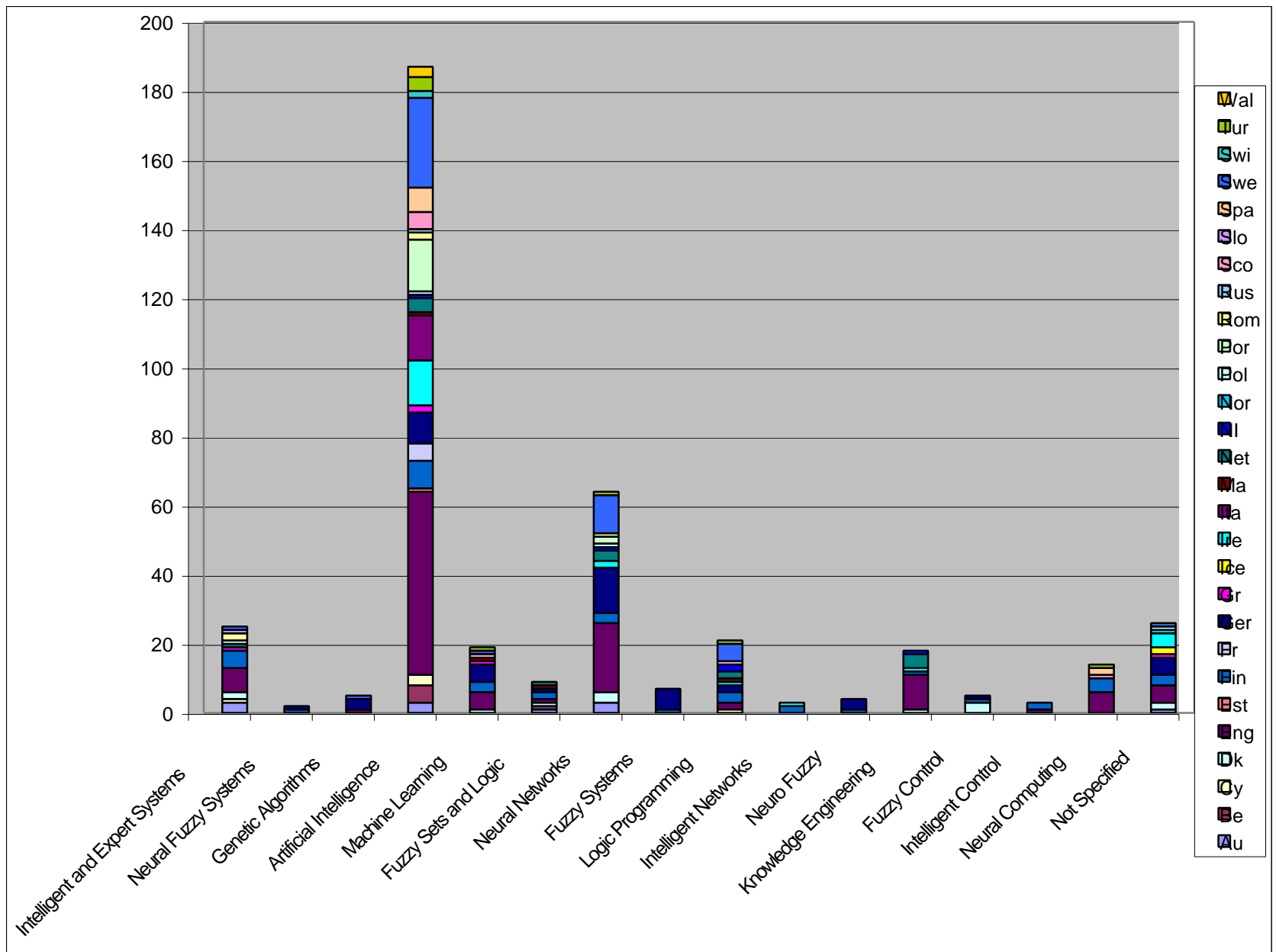


Figure 1. The Number of Courses by Topic and Country