

Courses

Courses given by the Laboratory of Computer and Information Science.

Spring Semester 2002

Code	Course	Lecturer	Course Assistant
T-61.140	Signal Processing Systems	O. Simula	J. Parviainen, J. Pakkanen
T-61.152	Seminar on Computer and Information Science	V. Vuori	
T-61.190	Special Course: <i>From Gene Expression to Regulation of Cell Function</i>	J. Hollmén, S. Kaski, H. Wikman	M. Koivisto
T-61.233	Computer Vision	J. Laaksonen	J. Iivarinen
T-61.256	Learning Models and Methods	P. Pajunen	E. Bingham
T-61.261	Principles of Neural Computing	K. Raivio	J. Särelä M. Aksela
T-61.281	Statistical Natural Language Processing	K. Lagus	V. Siivola
T-61.182	Special Course II: <i>Neural Networks for Speech Processing</i>	M. Kurimo	V. Siivola
T-61.183	Special Course III: <i>Biomedical Signal Processing</i>	R. Vigario	J. Särelä
T-122.102	Special Course VI: <i>Energy-aware computation</i>	H. Mannila, P. Orponen	K. Puolamäki

Fall Semester 2002

Code	Course	Lecturer	Course Assistant
T-61.123	Computer Architecture	M. Huttunen	M. Rättö
T-61.124	Special Project in Computer Architecture	M. Huttunen	M. Rättö
T-61.231	Principles of Pattern Recognition	V. Vuori	M. Koskela M. Aksela
T-61.238	Statistical Signal Modelling	P. Pajunen	E. Bingham
T-61.246	Digital Signal Processing and Filtering	O. Simula	J. Parviainen, P. Lehtimäki, T. Similä, V. Viitaniemi, R. Öörni
T-61.247	Digital Image Processing	J. Laaksonen	J. Iivarinen
T-61.263	Advanced Course in Neural Computing	J. Karhunen	J. Peltonen
T-61.271	Information Visualisation	K. Puolamäki	J. Venna
T-61.181	Special Course I: <i>Time in Self-Organizing Maps</i>	K. Raivio, O. Simula	P. Lehtimäki
T-61.184	Special Course IV: <i>Audio Mining</i>	M. Kurimo	V. Siivola
T-122.101	Special Course V: <i>Graphical Models</i>	J. Hollmén, H. Mannila	S. Ruosaari

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T-61.140	Signal Processing Systems	O. Simula	J. Parviainen, V. Viitaniemi R. Öörni
T-61.152	Seminar on Computer and Information Science	E. Bingham	
T-61.190	Special Course: <i>From Gene Expression to Regulation of Cell Function</i>	S. Kaski, J. Hollmén, H. Wikman	M. Oja
T-61.233	Computer Vision	J. Laaksonen	J. Iivarinen
T-61.256	Learning Models and Methods	P. Pajunen	A. Patrikainen
T-61.261	Principles of Neural Computing	K. Raivio	J. Venna M. Aksela
T-61.281	Statistical Natural Language Processing	T. Honkela	V. Siivola
T-61.182	Special Course II: <i>Robustness in Language and Speech Processing</i>	M. Kurimo	T. Hirsimäki
T-61.183	Special Course III: <i>Support Vector Machines and Kernel Methods</i>	J. Karhunen	K. Raju
T-122.102	Special Course VI: <i>Analysis of Binary Data</i>	J. Hollmén, H. Mannila	J. Seppänen

Fall Semester 2003

Code	Course	Lecturer	Course Assistant
T-61.123	Computer Architecture	S. Haltsonen	J. Gröndahl, A. Sorjamaa, J. Takala
T-61.124	Special Project in Computer Architecture	S. Haltsonen	
T-61.140	Signal Processing Systems	O. Simula	J. Parviainen
T-61.231	Principles of Pattern Recognition	T. Honkela K. Raivio	M. Koskela M. Aksela
T-61.238	Statistical Signal Modelling	P. Pajunen	E. Bingham
T-61.246	Digital Signal Processing and Filtering	O. Simula	J. Parviainen, A. Rasinen, V. Viitaniemi
T-61.247	Digital Image Processing	J. Laaksonen	J. Iivarinen
T-61.263	Advanced Course in Neural Computing	J. Karhunen	J. Peltonen
T-61.271	Information Visualisation	K. Puolamäki	J. Venna
T-122.103	Algorithmic methods of data mining	H. Mannila	K. Puolamäki
T-61.184	Special Course IV: <i>Statistical and Adaptive Approaches to Conceptual Modeling</i>	T. Honkela K. Lagus J. Särelä	
T-122.101	Special Course V: <i>Modeling and Mining the Web</i>	J. Hollmén	A. Patrikainen

