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LabVIEW Programming

This hands-on training presents an overview of the professional architectures for programming with LabVIEW. A basic knowledge of programming and skills in the making of plain LabVIEW VI's are needed to attend this course.

Course Details:

- Course material, refreshments and sandwiches included
- Duration: 3 days

Day 1	Day 2	Day 3
Type Definitions	Object Oriented programming	Additional topics
State machines	VI-server	<ul style="list-style-type: none">• Express VI's• Templates• References
Data transfer between processes: <ul style="list-style-type: none">• Local/global• Functional globals• Race conditions	Exchange information with other applications: <ul style="list-style-type: none">• TCP/IP and UDP• dll• ActiveX• .Net	User Interface
Process synchronisation: <ul style="list-style-type: none">• Queueing• Occurences• Semaphores• Rendez-vous• Notification	LabVIEW webservice	<ul style="list-style-type: none">• Tabs• Backgrounds• Picture rings• Custom controls• Picture controls
		Performance <ul style="list-style-type: none">• Profile window• Memory
		Case study