

Apros Training Course – Simantics Constraint Language (SCL)

Apros Training Course – SCL will be organised by VTT on Thursday, October 18th, 2018

Apros is a tool for system-wide modelling and dynamic simulation of industrial processes. With Apros, one can build up a dynamic model of an installation including process, piping, automation and electrical systems, based on P&I diagrams and other engineering data. Apros is globally used, e.g., in process and automation engineering, safety analyses and training systems. For more information, see <http://www.apros.fi/en/>.

SCL is functional programming language used for scripting purposes in Simantics (<https://www.simantics.org/>) related products. SCL is especially useful for the Apros users, and accordingly, this course offers information and exercises on using the SCL language within the context of Apros modelling and simulation. For example, SCL can be used for configuring model structures, calculation within User Components, modifying model parameters, running simulation experiments, and making queries, via the SCL command line or via user-definable scripts.

SCL is gradually replacing the legacy command queue language of Apros. It includes plenty of more powerful features, such as conditions, loops, own functions and configuration of the model graphics.

It is possible to only attend the SCL day, if one has at least basic level knowledge in using Apros. The participants shall use their own laptops (64-bit Windows) in the training. The Apros software will be installed beforehand, and the course fee includes a 1 month evaluation period for the software. In case of any problems to use own laptop, please contact the course coordinator.

The lectures and exercises take place in Vuorimiehentie 3 (Otaniemi), Espoo, Finland. Registration takes place in the same building, see number 13 in the map:

http://www.vtt.fi/files/vtt/vtt_mapespoo.pdf.

The price for the SCL course day is 515 € (+ VAT).

Please note that the maximum number of participants in the course is 12 persons and the minimum is three (3) participants. The trainees are accepted in the order of registration. Please use the registration form below and include your signature. VTT will send a confirmation message by e-mail.

For more information about the course and assistance in practical arrangements, please do not hesitate to contact me.

Contact person

Mr. Jari Lappalainen E-mail: jari.lappalainen@vtt.fi

Phone: +358 50 555 6059

Registration

To register, please fill in and sign this registration form and send it to jari.lappalainen@vtt.fi (P.O.Box 1000, FIN-02044 VTT). The deadline of the registration is Monday, October 1st, 2018.

Course date and price:		
SCL, 1 day	October 18 th , 2018	515 € (+ VAT)

Name:	
Title:	
Organisation:	
Contact Address	
Address:	
Postcode and town:	Country:
Phone:	Fax:
Email:	
Invoice Address – if not the same as the Contact Address	
Address:	
Postcode and town:	Country:
Organization VAT number for invoicing:	
Additional information e.g. educational background and special interests regarding the training course.	
Date and Place:	Signature + clarification of signature: