

## Apros Training Course – General Features + Nuclear Features and optional SCL day

Apros Training Course – Nuclear Features will be organised by VTT on Friday, February 12<sup>th</sup>, 2021. A prerequisite for attendance is participation in the training course on Apros General Features, i.e. the course held on February 8<sup>th</sup>–10<sup>th</sup>, or previous Apros experience. The optional SCL (Simantics Constraint Language) day is on Thursday, February 11<sup>th</sup>. The registration form below covers both the General Features and Nuclear Features, and the optional SCL training day.

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/>.

The one-day Nuclear Features course is targeted to new users who will be working with nuclear applications. During the course the principles of using the nuclear features of the software are introduced, the available nuclear model libraries are presented, example models are built up in hands-on exercises, and ready-made models are used. The course is supervised by top Apros experts. The course gives sufficient knowledge to join a project team building up and using Apros nuclear simulation models. Note that the participation in the Nuclear Features course day and the receiving of Apros Nuclear evaluation version for use outside of Finland requires a relevant Export License issued by the Ministry of Foreign Affairs of Finland. We will apply for the Export License based on your Registration form. Kindly register in good time! We will inform you upon the decision. See [www.nuclearsuppliersgroup.com](http://www.nuclearsuppliersgroup.com).

The optional SCL training day promotes modelling and simulation efficiency by scripts. The participants learn to batchwise run simulation experiments, configure model structures, modify model parameters, create functions and calculations in User Components, make queries, etc. It is also 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, computer mouse needed) 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 remotely using Microsoft Teams.

The prices for the training are: General Features + Nuclear Features: 2120 € (+ VAT), optional SCL day 700 € (+ 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 us.

### Contact person

Mr. Sixten Norrman      E-mail: [sixten.norrman@vtt.fi](mailto:sixten.norrman@vtt.fi)  
Phone: +358 40 593 8685

## Registration

To register, please fill in and sign this registration form and send it to [sixten.norrman@vtt.fi](mailto:sixten.norrman@vtt.fi) (P.O.Box 1000, FIN-02044 VTT). The deadline of the registration is Friday, January 15<sup>th</sup>, 2021 for foreign customers needing an Export License application, otherwise Friday, January 22<sup>nd</sup>.

Course dates and prices (tick your choice):			
	General Features (3 days) + Nuclear (1 day)	February 8 <sup>th</sup> – 10 <sup>th</sup> + February 12 <sup>th</sup> , 2021	2120 € (+ VAT)
	SCL (1 day)	February 11 <sup>th</sup> , 2021	700 € (+ VAT)
Total sum (+ VAT)			

Name:	
Title:	
Organization:	
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:	Organization order number:
Additional information e.g. educational background and special interests regarding the training course.	
Date and Place:	Signature + clarification of signature: