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Create the Future of CAE

Win a Psion 5mx Pro with Leather Case

DLR, developer of the SIMPACK basic methods, is creating the future of computer aided engineering. Many new methods, algorithms and software solutions will be developed during the coming years. With this survey we would like to have your opinion about the future of our business. Return the questionnaire by 15th february 2001 and you could win a Psion S 5mx pro. This Psion Palmtop has the power to communicate via e-mail, internet, fax or SMS with your colleages and friends, to organize your business and private agenda, or to connect with your desktop PC.

Your Simulation Environment

1 How long have you already been working with simulation tools?

- ◯ less than a year
- ◯ 1 - 3 years
- ◯ 4 - 5 years
- ◯ more than 5 years

2 To what extent do you use the functionality of the following systems?

MBS	FEA	CAD	Computer Aided Control Engineering (CACE)	Hardware in the Loop (HIL)	
◯	◯	◯	◯	◯	Non User
◯	◯	◯	◯	◯	up to 25% of its capabilities
◯	◯	◯	◯	◯	up to 50% of its capabilities
◯	◯	◯	◯	◯	up to 75% of its capabilities
◯	◯	◯	◯	◯	use its full capabilities
◯	◯	◯	◯	◯	Going regularly over the systems capabilities

3 How satisfied are you with those tools?

MBS	FEA	CAD	Computer Aided Control Engineering (CACE)	Hardware in the Loop (HIL)	
◯	◯	◯	◯	◯	very satisfied
◯	◯	◯	◯	◯	satisfied
◯	◯	◯	◯	◯	less than satisfied
◯	◯	◯	◯	◯	not at all satisfied
◯	◯	◯	◯	◯	don`t know

4 As you know there can be specific problems with simulation packages. What is the major problem with the simulation package that you currently use? (several answers possible)

- ◯ It requires too much time
- ◯ the functionality is not sufficient
- ◯ it is too specialised
- ◯ There is no problem
- ◯ other, it is _____

Integrating Your Tools

5 Which kind of product integration (two in one) would you be interested in?

- ◯ MBS+CAD
- ◯ FEA+CAD
- ◯ MBS+CACE
- ◯ MBS+FEA
- ◯ other, it is _____

6 Often two different modelling tools are used. You may have to enter the same modelling data twice, once in each modelling package. How much data has to be entered twice? (Please answer in %)

___% MBS+CAD ___ % FEA+CAD ___ % MBS+CACE ___% MBS+FEA

The Future

7 Imagine your simulation tools in ten years.
Will it be necessary to know more or less engineering theory than today for using your tool?

- ◯ I guess more
- ◯ I guess less
- ◯ I don`t know

8 If you received 50 000 Euro to improve the facilities available at your work, would you invest them in ...
(Please fill in your order of preference 1 - 4: 1=being most important, 4=being less important)

- ◯ a different software
- ◯ a development project to improve your tool
- ◯ software training for yourself
- ◯ theoretical training for yourself

9 In ten years there will be ...

- ◯ ...one general CAE-tool that consists of all the others
- ◯ ...the same tools as today, but with much better interfaces
- ◯ ...more specialised tools with more sophisticated interfaces
- ◯ ...don`t know

10 Concerning the functionality of a CAE-tool my simulation tool should ...

◯ be easier to handle ◯ dispose of extended functionality ◯ contain more powerful solver technology ◯ don`t know ◯ other, it is _____

11 Concerning the handling of a CAE-tool I prefer to have...

◯ 'one button' solutions ◯ as much control over the software's functionality as possible ◯ don`t know ◯ other, it is _____

Let's talk about SIMPACK

12 Which area of SIMPACK should be concentrated on, in terms of its future development?

◯ Usability ◯ Technology ◯ Libraries ◯ Graphical User Interface ◯ don`t know

◯ Other, it is _____

13 If there were to be other products from the SIMPACK team, I would be interested in

◯ Fluid Simulation (Hydraulics, Pneumatics, etc.) ◯ CACE ◯ Fatigue Analysis ◯ Extended FEA-connection (Co-Simulation, non-linear FEA, integrated FEA-tool etc.)

◯ Hardware-in-the-loop extension ◯ the SIMPACK-solver as a plug-in for CAD systems

14 If we need further information concerning CAE or especially SIMPACK, could we call you by telephone?

◯ Yes, my telephone number is _____ ◯ No

name function

company e-mail-address

Copy and fax by 15th february 2001 to INTEC GmbH +49-8153-9288-11