



Please join us on the next INCOSE Webinar

When

Wednesday February 20th 2019 from 11am-12pm EST (4pm
– 5pm UTC)

Topic

Model Based Systems Engineering De-Mystified

Speaker

Dr Warren Vaneman



Abstract

Model-Based Systems Engineering (MBSE) is an ambiguous concept that means many things to many different people. The purpose of this presentation is to “demystify” MBSE, with the intent of moving the sub-discipline forward. Model-Based Systems Engineering was envisioned to manage the increasing complexity within systems and System of Systems. This presentation defines MBSE as the formalized application of modeling (static and dynamic) to support system design and analysis, throughout all phases of the system lifecycle, and through the collection of modeling languages, structures, model-based processes, and presentation frameworks used to support the discipline of systems engineering in a model-based or model-driven context. Using this definition, the components of MBSE (modeling languages, processes, structures, and presentation frameworks) are defined from a language and tool agnostic perspective.

Biography

Dr. Warren Vaneman is a Professor of Practice in the Systems Engineering Department at the Naval Postgraduate School, Monterey, CA. He has more than 30 years of leadership and technical positions within the U.S. Navy and the Intelligence Community. Dr. Vaneman has been conducting research in Model-Based Systems Engineering and System of Systems since July 2011. To enhance his research efforts Dr. Vaneman teaches several courses in Systems Engineering and Architecting and System of Systems Engineering and Integration. Prior to joining NPS, Dr. Vaneman has held various systems engineering positions within the Intelligence Community, including as the Chief Architect of the for a very large System of Systems. Dr. Vaneman is also a Retired Captain in the Navy Reserve, where he was qualified as a Surface Warfare Officer, Space Cadre Expert, and Information Dominance Warfare Officer. He has a B.S. from the State University of New York Maritime College, a M.S. in Systems Engineering, and a Ph.D. in Industrial and Systems Engineering from Virginia Tech, and a Joint Professional Military Education Phase 1 Certificate from the Naval War College.

How to Connect

Please click [here](#) to register for the webinar and/or [here](#) to join the webinar.

Event number: 595 102 564

Event password: INCOSE121

Telephone:

Primary Access Number:

USA/Canada: 1-719-325-2630 (toll) 1-855-747-8824 (toll free)

Additional Access:

[International Toll- and Toll-Free Access Numbers](#)

Guest Pass Code: 434 812 4177

Questions? Go to [Webex Support](#)

You will also find a copy of the joining instructions on the new INCOSE Connect website, at <https://connect.incose.org/Library/Webinars/Pages/INCOSE-Webinars.aspx>

Notice

Note that the webinar is a combination of PowerPoint slides + audio. You need to set your browser to the url listed below to see the slides and also dial into the phone number below to hear the audio. We are using Webex for this webinar. Please note that you can now access the webinar using mobile devices. There are 300 virtual seats available for the webinar. Right now they are available on a first-come, first-served basis.

Webex can be used to record meetings. By participating in this meeting, you agree that your communications may be monitored or recorded at any time during the meeting.

Missed the webinar?

If you miss the webinar, you will be able to see a recording of it on INCOSE Connect at <https://connect.incose.org/Library/Webinars/Pages/INCOSE-Webinars.aspx> where you will also be able to view the previous one hundred and twenty INCOSE webinars.

Please note that you can now receive a PDU in support of certification renewal by attending an INCOSE technical webinar. Here is the link to details about certification renewal, including information on PDUs.

<https://www.incose.org/systems-engineering-certification/certification-faqs>

Regards,

Andy Pickard
Rolls-Royce Representative, INCOSE Corporate Advisory Board,
Andrew.C.Pickard@rolls-royce.com

International Toll Free and Local Phone Numbers

USA:	1-605-475-5618
USA:	1-712-770-4217
USA:	1-719-325-2630

Canada, Calgary:	+1 403 407 5780
Canada, Montreal:	+1 514 669 5909
Canada, Toronto:	+1 416 915 3615
Canada, Vancouver:	+1 604 205 5118
Argentina, Buenos Aires:	+54 (0) 11 5172 6019
Argentina (toll free):	0800 800 1250
Australia, Sydney:	+61 (0) 2 8017 6391
Australia, Melbourne:	+61 (0) 3 8687 0614
Australia, Brisbane:	+61 (0) 7 3015 0608
Australia (toll free):	1 800 720 493
Austria, Vienna:	+43 (0)1 928 2722
Austria (toll free):	0800 070 841
Bahrain, Manama:	+973 1650 0402
Bahrain (toll free):	8008 1214
Belarus (toll free):	8 820 0011 0353
Belgium, Brussels:	+32 (0) 2 400 1980
Belgium (toll free):	0800 39 268
Bosnia and Herzegovina:	+387 7031 1461
Brazil, Sao Paulo:	+55 11 4935 7122
Brazil, Rio de Janeiro:	+55 21 4560 0023
Brazil (toll free):	0800 887 0283
Bulgaria, Sofia:	+359 (0) 2 491 7244
Bulgaria (toll free):	00800 111 4944
Cambodia, Phnom Penh:	+855 23 962 579
Canada (toll free):	1 855 950 3706
Chile, Santiago:	+56 (0) 2 2666 0711
Chile (toll free):	171 800 835 943
China (national):	+400 681 8104
China, Beijing:	+86 10 5667 0005
China, Shanghai:	+86 21 2039 7079
Colombia, Bogota:	+57 1 508 8112
Colombia (toll free):	01 800 755 0043
Costa Rica (toll free):	800 542 5331
Croatia (toll free):	0800 223 004
Cyprus (toll free):	800 97400
Czech Republic, Prague:	+420 225 986 505
Czech Republic (toll free):	800 701 236
Denmark, Copenhagen:	+45 32 71 16 70
Denmark (toll free):	80 70 35 78
Egypt (toll free):	0800 000 0401
Estonia, Tallinn:	+372 622 6519
Estonia (toll free):	800 011 1569
Fiji (toll free):	00800 3317
Finland, Helsinki:	+358 (0) 9 2310 1611
Finland (toll free):	0800 772 230
France, Paris:	+33 (0) 1 76 77 22 50
France (toll free):	0800 946 112
France (national):	0811 655 134
France (national):	0821 231 687
Georgia, Tbilisi:	+995 32 2 053 082
Germany, Frankfurt:	+49 (0) 69 5060 9515
Germany, Munich:	+49 (0) 89 24443 2900
Germany (national):	01801 001 378
Germany (toll free):	0800 588 9225
Greece, Athens:	+30 211 181 3815

Greece (toll free):	00800 128 811
Hong Kong:	+852 3018 9103
Hong Kong (toll free):	800 968 082
Hungary, Budapest:	+36 1 808 8134
Hungary (toll free):	068 001 9662
Iceland (toll free):	800 9841
India, Delhi:	+91 11 6310 0272
India, Mumbai:	+91 22 6310 0274
India, Chennai:	+91 44 6310 0227
India, Bangalore:	+91 80 6760 8747
India (toll free):	1800 3010 1564
Indonesia, Jakarta:	+62 21 2188 9079
Indonesia (toll free):	007 803 321 8120
Ireland, Dublin:	+353 (0) 1 246 5614
Ireland (national):	0818 270 287
Ireland (toll free):	1800 937 695
Ireland (national):	1890 907 722
Israel, Tel Aviv:	+972 (0)3 763 0384
Israel (toll free):	180 921 2890
Italy, Milan:	+39 02 3046 4837
Italy, Rome:	+39 06 4523 6635
Italy (toll free):	800 148 288
Japan, Tokyo:	+81 3 4560 1274
Japan, Osaka:	+81 6 4560 0303
Japan (mobile):	0120 270 611
Japan (toll free):	0120 286 011
Japan (national):	0570 005 744
Jordan (toll free):	0800 22156
Kazakhstan (toll free):	8800 333 7552
Kenya, Nairobi:	+254 (0)207 643 596
South Korea, Seoul:	+82 (0) 2 6007 0072
South Korea (toll free):	007 986 136 2233
Kuwait (national):	+965 2206 3083
Latvia, Riga:	+371 6778 2598
Latvia (toll free):	8000 4374
Lithuania, Vilnius:	+370 5205 5239
Lithuania (toll free):	8800 31445
Luxembourg:	+352 2730 2276
Luxembourg (toll free):	800 28428
Macau (national):	+853 6262 1674
Malaysia, Kuala Lumpur:	+60 (0) 3 7723 7140
Malaysia (toll free):	1 800 815 805
Mexico, Guadalajara:	+52 33 4162 5891
Mexico, Mexico City:	+52 55 8421 0857
Mexico, Monterrey:	+52 81 4770 2472
Mexico (toll free):	01 800 283 3129
Morocco, Casablanca:	+212 (0)520 480 128
Morocco (toll free):	0800 092 258
Netherlands, Amsterdam:	+31 (0) 20 716 8266
Netherlands (toll free):	0800 020 0593
New Zealand, Christchurch:	+64 (0) 3 974 2597
New Zealand, Wellington:	+64 (0) 4 909 4676
New Zealand, Auckland:	+64 (0) 9 929 1769
New Zealand (toll free):	0800 459 127
Nigeria, Lagos:	+234 1 277 5140

Norway, Oslo:	+47 2162 4054
Norway (toll free):	800 58459
Oman (toll free):	800 77269
Pakistan, Islamabad:	+92 5181 08874
Panama, Panama City:	+507 8 339 782
Panama (toll free):	00800 223 1430
Peru, Lima:	+51 (0) 1 700 9587
Peru (toll free):	0800 78125
Philippines, Manila:	+63 (0)2 395 3365
Philippines (toll free):	1800 111 017 51
Poland, Warsaw:	+48 22 295 3504
Poland (toll free):	00800 121 4340
Portugal, Lisbon:	+351 21 316 4041
Portugal (toll free):	800 784 434
Qatar (freephone):	00 800 100 499
Romania, Bucharest:	+40 (0) 21 529 3969
Romania (toll free):	0800 801 030
Russia, Moscow:	+7 495 213 0988
Russia (toll free):	8 800 500 9319
Saudi Arabia (toll free):	800 844 4963
Saudi Arabia (toll free):	800 850 0227
Serbia (toll free):	0800 190 698
Singapore:	+65 6654 9111
Singapore (toll free):	800 616 3175
Slovakia, Bratislava:	+421 (0)2 3321 5333
Slovakia (toll free):	0800 001 661
Slovenia, Ljubljana:	+386 1 600 1622
Slovenia (toll free):	0800 80994
South Africa, Johannesburg:	+27 (0)11 019 7087
South Africa (toll free):	0800 988 886
Spain, Madrid:	+34 91 114 6640
Spain, Barcelona:	+34 93 800 1935
Spain (toll free):	900 803 689
Sri Lanka, Sri Lanka:	+94 720 910 348
Sweden, Stockholm:	+46 (0) 8 5065 3944
Sweden (toll free):	0200 125 456
Switzerland, Geneva:	+41 (0) 22 595 4857
Switzerland, Zurich:	+41 (0) 44 580 7246
Switzerland (toll free):	0800 841 702
Taiwan, Taipei:	+886 (0) 2 2656 7213
Taiwan (toll free):	00 801 615 184
Thailand, Bangkok:	+66 (0) 2104 0767
Thailand (toll free):	001 800 6136 2243
Thailand (toll free):	1 800 012 172
Tunisia, Tunis:	+216 31 378 109
Turkey, Istanbul:	+90 212 375 50 13
Turkey (toll free):	00 800 448 828 358
Ukraine (toll free):	0800 500 732
UAE (toll free):	8000 3570 2638
UK (03):	+44 (0)330 336 6010
UK (toll free):	0800 368 0950
UK (national):	0844 473 5003
UK (national):	0845 545 0040
USA /Canada (toll free):	1-855-747-8824
Uruguay (toll free):	0004 019 0561

Venezuela, Caracas:	+58 212 720 2342
Venezuela (toll free):	0800 102 9660
Vietnam, Hanoi:	+84 24 4458 3323
Vietnam, Ho Chi Minh:	+84 28 4458 1333
Vietnam (toll free):	1800 9228

STAY CONNECTED:



This email was sent to info@incose.org by info@incose.org |
Rapid removal with [SafeUnsubscribe™](#) | [About our service provider.](#)



INCOSE | 7670 Opportunity Rd Ste 220 | San Diego | CA | 92111