

# **How can INCOSE help those creating new Systems Engineering Masters?**

PANEL PRESENTED AT IS2012

MODERATOR: Dr. Avigdor Zonnenshain



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## PANELISTS:

- ***Dr. Gerrit Muller, Buskerud University College, Norway***
- ***Dr. Barry Boehm, University of Southern California (USC), USA***
- ***Dr. Khim Teck Yeo, Nanyang Technological University (NTU), Singapore***
- ***Dr. Michele Luglio, University of Rome "Tor Vergata", Italy***
- ***Richard Adcock, Cranfield University, UK***



# QUESTIONS

1. What are the problems in creating a new SE Masters?
2. How might INCOSE help with some of these problems?
3. Can you share with us recent experiences in creating new programs, from around the world?



# AGENDA/1

1. Introduction (5 mins)
2. Making use of existing INCOSE and Systems Engineering programs and networks (5mins) – Barry Boehm USC
3. Starting a new program based on existing INCOSE knowledge (5 mins) – Gerrit Muller
4. Starting a new program with no background in INCOSE (10 mins) - Michele Luglio, Italy



# AGENDA/2

5. Starting a new program in an institution with no Systems Engineering history – Yeo khim Teck , Singapore (10 mins)
6. Open debate (45 mins)
7. Summary and way forward – Rick Adcock INCOSE AD Education. (10 mins)



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# **OPEN DEBATE**

## **Q&A**



# How can INCOSE help those creating new Systems Engineering Masters?



- Understanding the needs of the industry
- Balancing the curriculum- Theory vs. Practices
- Providing lecturers from companies
- Providing case studies
- Mentoring students in their final projects
- cooperating in Life Long Learning



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# Thank you!

