

Information Assurance Metrics: Prophecy, Process, or Pipedream?

23rd National Information Systems Security Conference

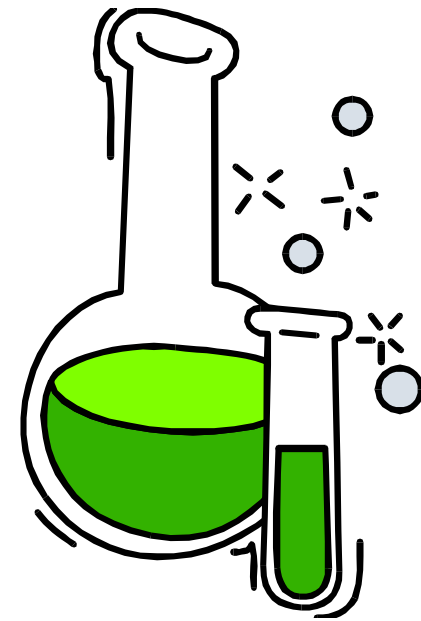
The Premise



- Information assurance has been a black art
 - Based in “Case Law”
 - Never be first to field a new technology
- With sufficient resources, anything can be “assured”
 - Document to death
 - Test, test, and test again!



- If it is a science, it must:
 - Have a scientific, disciplined method
 - Yield repeatable results
 - Be measurable, or quantifiable
 - What to measure?
 - What does the answer mean?



The Discussion



- Is Information Assurance Quantifiable?
- Can IA practitioners be “disciplined”?
- Do we have sufficient precedents and experience?
- Can we learn from related sciences?

The Panelists



- John McHugh, CMU Center for Survivability
- John Michael Williams, Independent
- Michael Skroch, DARPA IASET Program Manager