

The Future of ISW breakout session report



ISW 01/02 20 March 2002

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Today



Texas
Aug 02



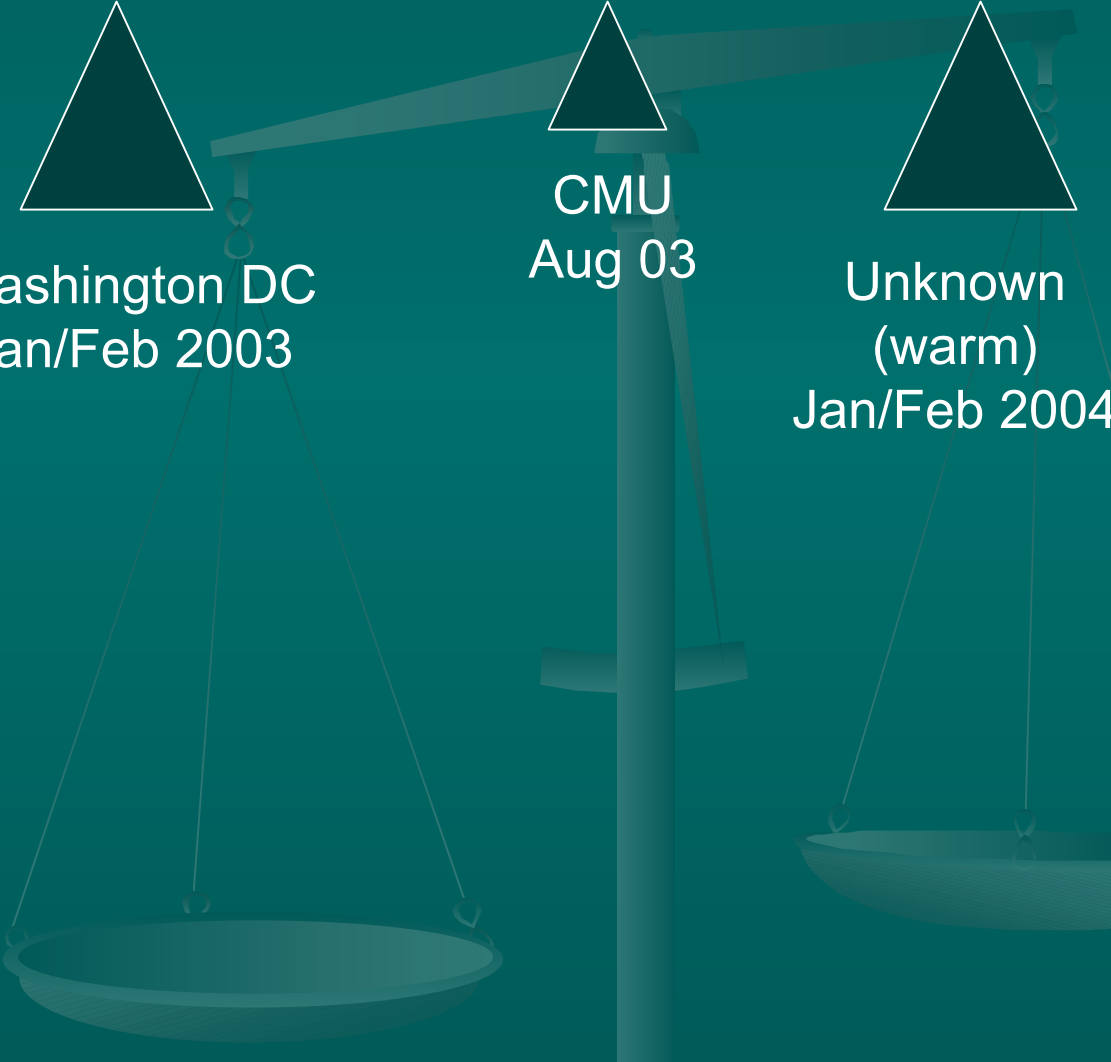
Washington DC
Jan/Feb 2003



CMU
Aug 03



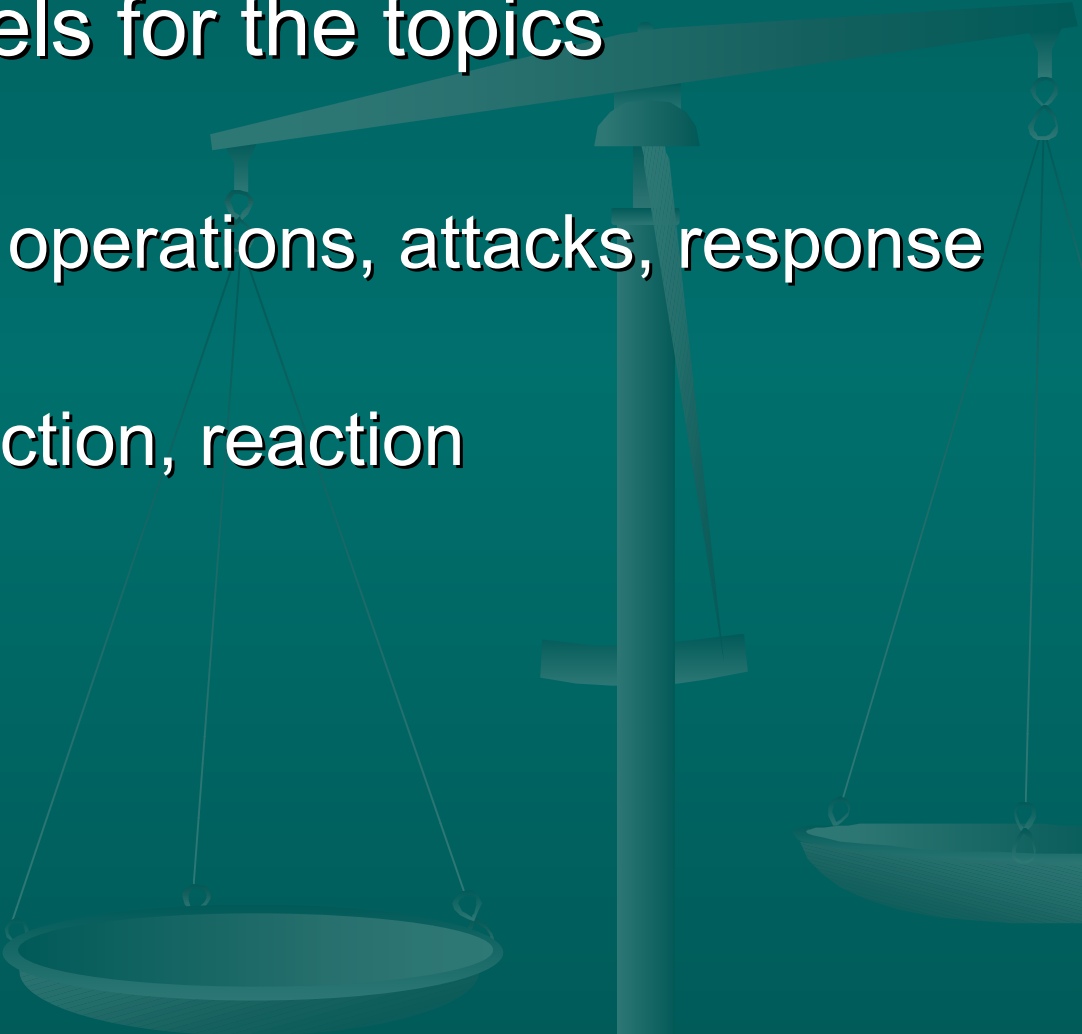
Unknown
(warm)
Jan/Feb 2004



Proposals

- **Proposal – Early/Mid August 2002 in Texas, short 2-day technical meeting, invitations only to a small, targeted group: XP forensic, AF CERT, survivability grand challenges, critical infrastructure**
- **Proposal – large workshop in December/January 2003, in Washington DC; Tom is co-chair, need program chair; large program committee who must help with recruiting submissions; 1.5 days of tutorials and 2.5 days of workshop, invite funding agencies to participate**

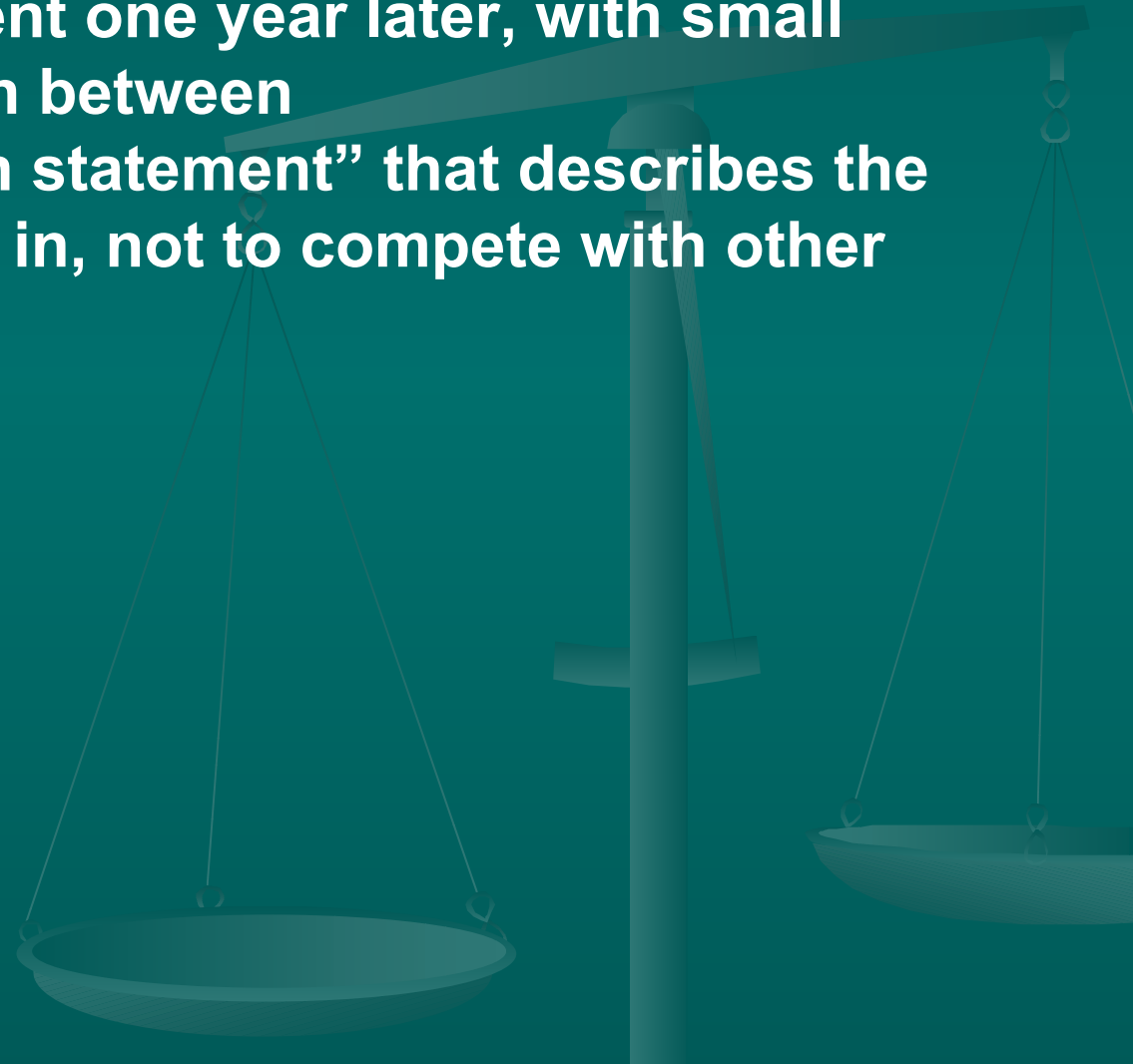
List of topics for next ISW meeting

- Alternative models for the topics discussed:
 - System design, operations, attacks, response and recovery
 - Protection, detection, reaction
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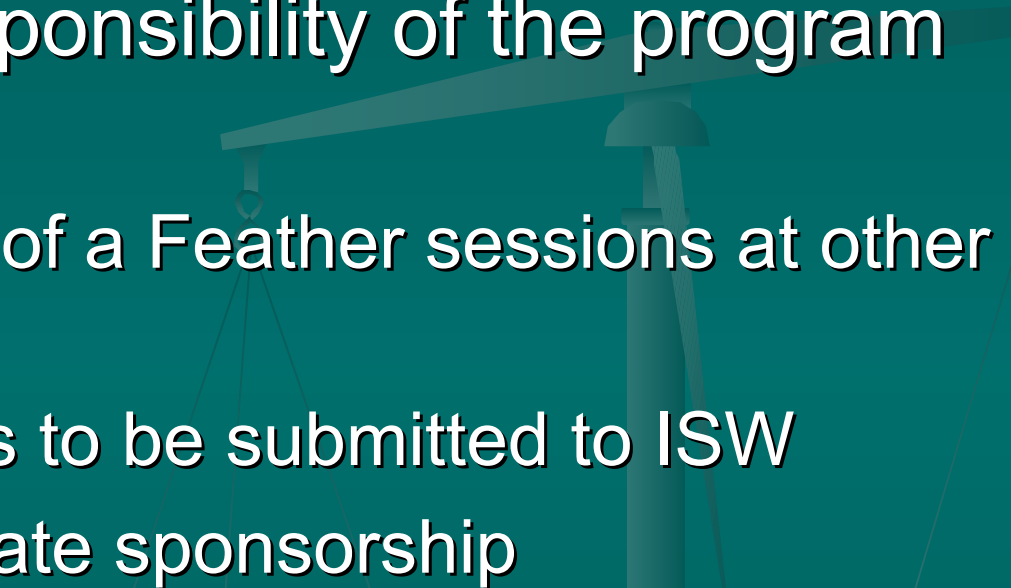
Proposals

- **Proposal – next event one year later, with small technical meeting in between**

We need a “mission statement” that describes the unique niche we fill in, not to compete with other communities



BoFs

- It will be the responsibility of the program committee to:
 - Organize Birds of a Feather sessions at other conferences
 - Promote papers to be submitted to ISW
 - Look for corporate sponsorship
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IEEE Support

- Published proceedings from the 2003 meeting
- Special issue of Computer Society magazine after the 2004 meeting for selected papers
- If no IEEE support is forthcoming...
 - Possible Springer-Verlag issue for survivability in 2004

ISW Coverage

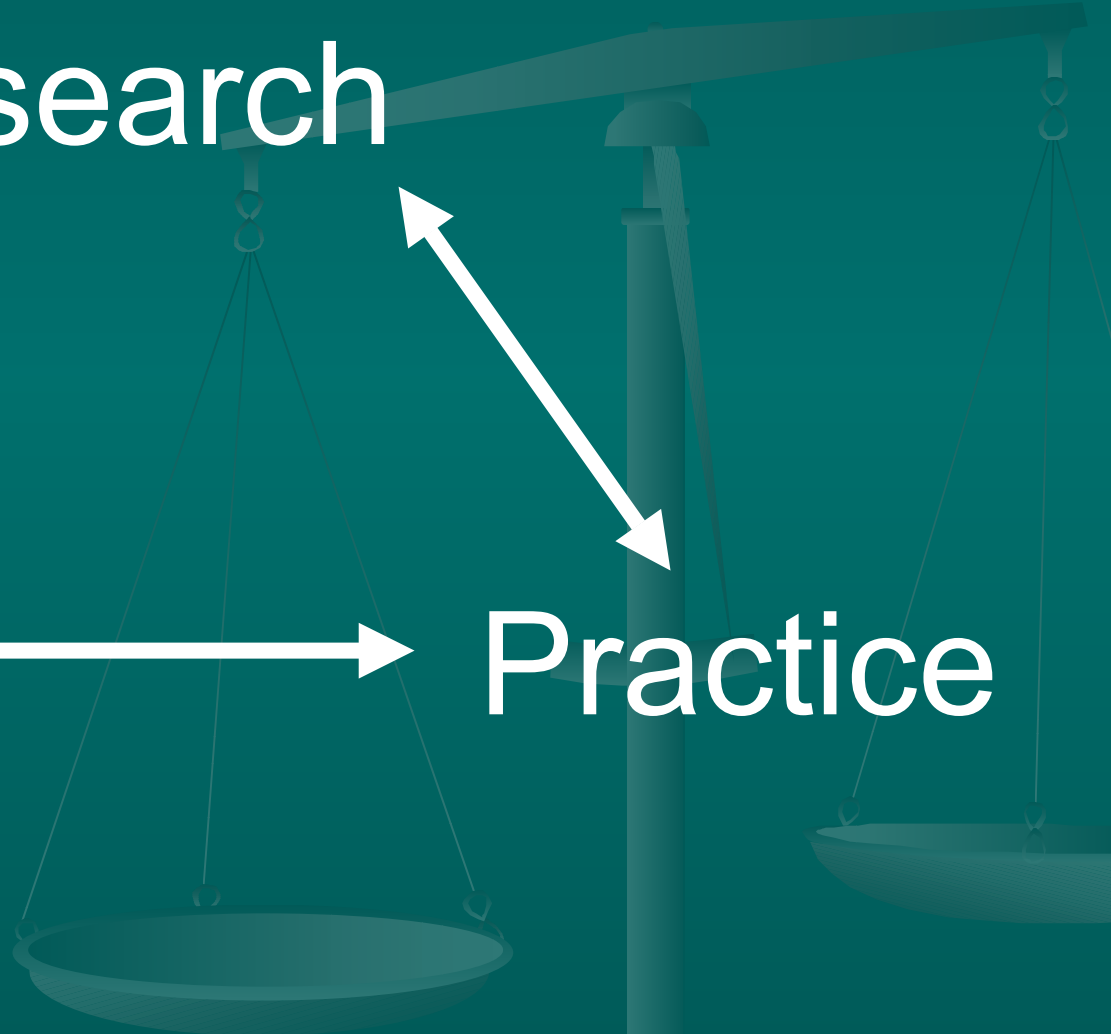
Research



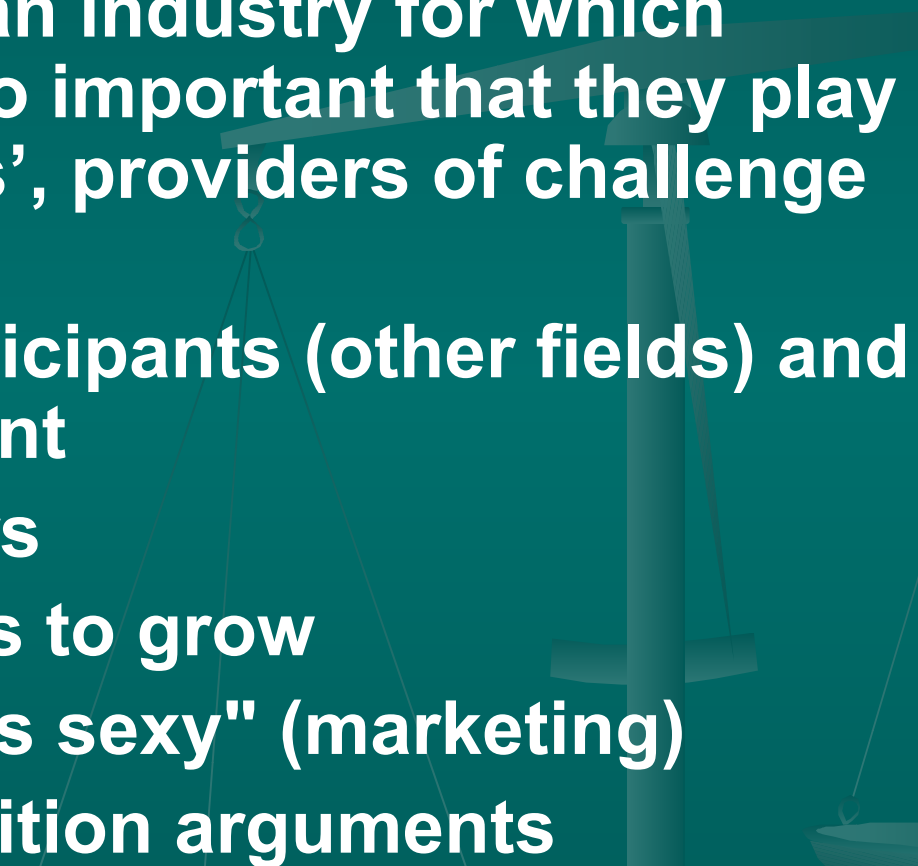
Policy



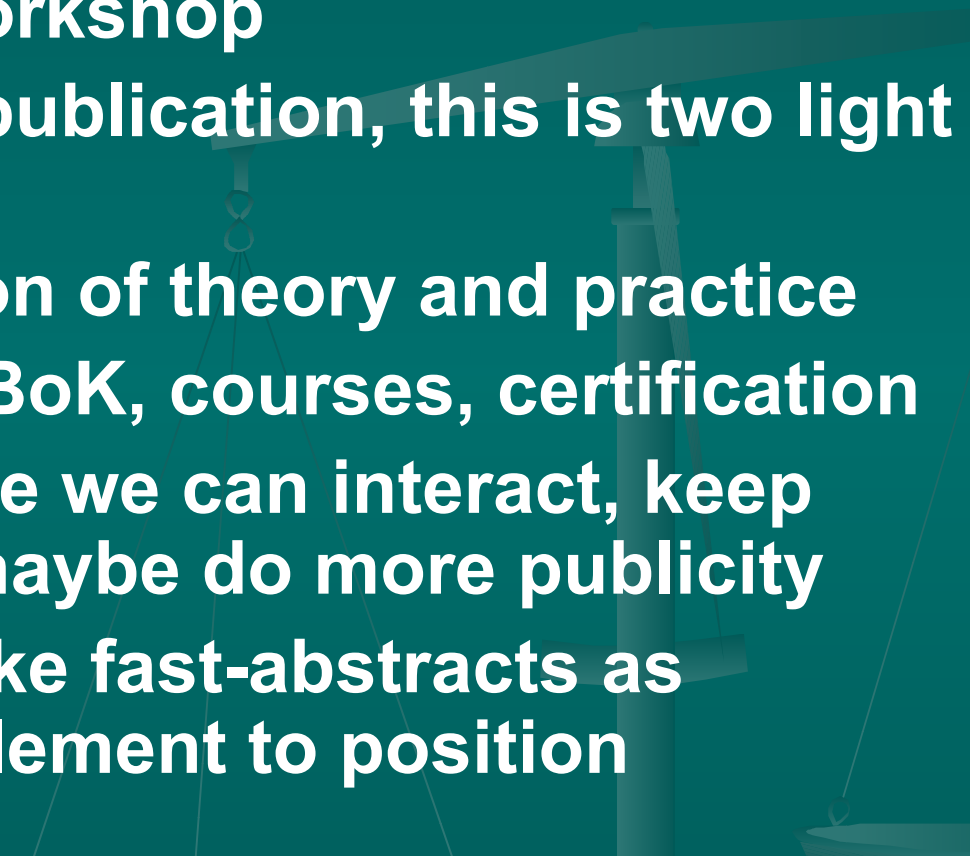
Practice



Comments

- Can we identify an industry for which survivability is so important that they play role of 'sponsors', providers of challenge problem?
 - Liked varied participants (other fields) and position statement
 - like formal papers
 - curriculum needs to grow
 - "maliciousness is sexy" (marketing)
 - must avoid definition arguments
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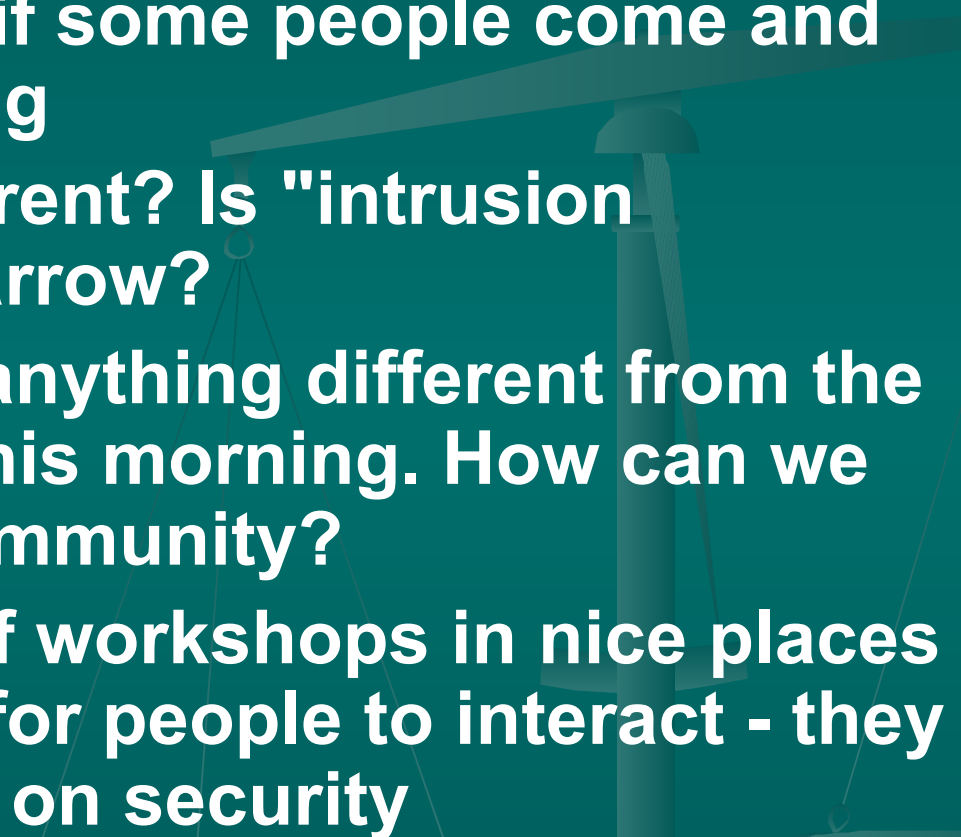
Comments

- **have separate workshop**
 - **need traditional publication, this is too light weight**
 - **like the integration of theory and practice**
 - **Need to identify BoK, courses, certification**
 - **Need a place where we can interact, keep current format, maybe do more publicity**
 - **could use DSN-like fast-abstracts as alternative/complement to position statements**
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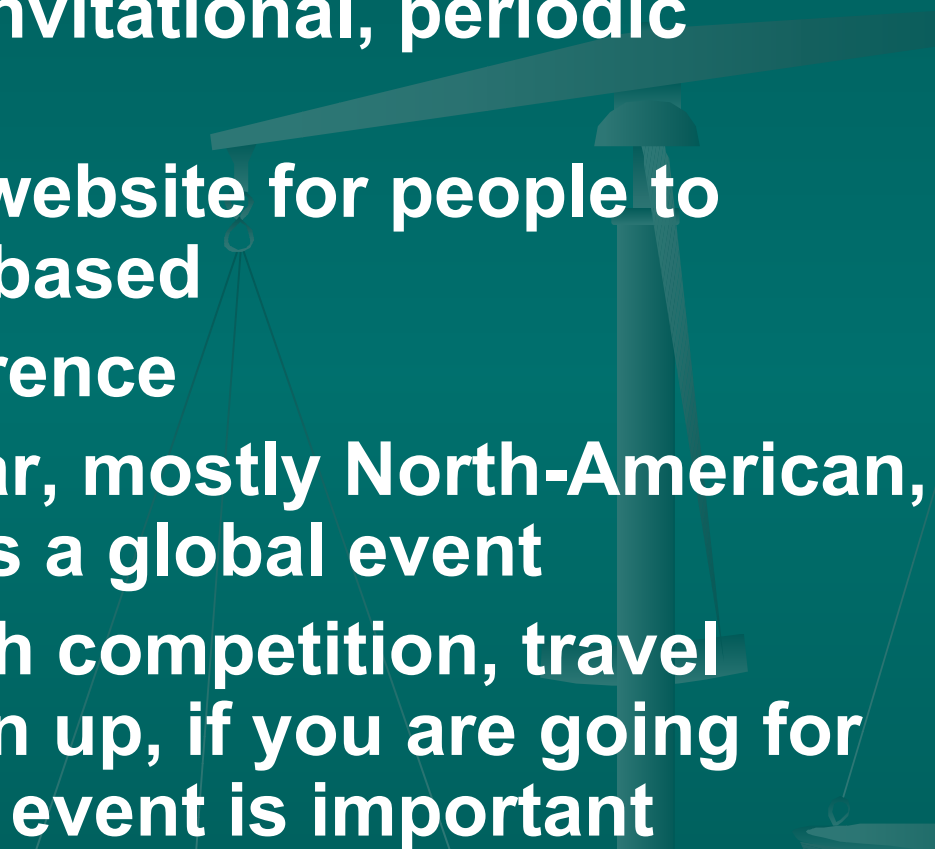
Comments

- **Cost is an issue, moving workshop to good weather and also inexpensive location.**
- **Can we get industry support to reduce costs?**
- **Picking venue in cheaper cities might be less attractive to participants - some cities (e.g., Las Vegas) are a lot less expensive than other good places (e.g., Boston)**
- **Could still require position statements but only those selected for presentation appear in the proceedings**

Comments

- I am not worried if some people come and don't say anything
 - How is DSN different? Is "intrusion detection" too narrow?
 - We did not hear anything different from the power industry this morning. How can we influence that community?
 - NSA ran series of workshops in nice places with lots of time for people to interact - they had great impact on security
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Comments

- **Maybe we need invitational, periodic workshop**
 - **Need listserv or website for people to collaborate, fact based**
 - **Dual-track conference**
 - **We are too insular, mostly North-American, need to make this a global event**
 - **There is too much competition, travel budgets are eaten up, if you are going for tenure, choice of event is important**
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Comments

- **Track topics should follow research agenda for the community**
- **If we insist on papers only in the predefined tracks we miss new subjects (most conferences pick tracks AFTER selection of papers)**
- **Assuming we are going to have yearly events, what do we need to do for the first two events?**
- **There will be other related events, already planned: DSN, FAST, ACSAC, HISS, HTCIA, IMPIC, ...**

Comments

- **October might be a good time for ISW because there is a gap between other security conferences**
- **Need event in Washington DC on "Grand Challenges in System Survivability", make "challenges" part of the CFP i.e., only accept submissions that propose a challenge**
- **IEEE affiliation provides credibility for authors, protects organizers (insurance)**
- **Should try to become a CS technical committee**

Comments

- **People want to present their position statement - include fast abstracts or poster sessions**
 - **Could use special issues of IEEE magazines for selected position statements that can be expanded to article size**
 - **Need a program committee for referred papers**
 - **A high impact conference should create spinoff companies**
 - **Support certification?**
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