Hello, I am an electronic Vet!

BEWARE!
Laugh is an infectious disease!

Do not worry, I will use this poster
To do a model

> ******* MODEL DEFINITION *******
> Disease: Laugh
> System: A conference room
> Epidemic unit: The participant
> Infectious contact: Proximity
> Surveillance system: A Shh ! Report
> Control: Bad look from the presenter

E-poster animation for: A modular simulation tool to help designing epidemics surveillance
B. Bonté, R. Duboz

A modular simulation tool to help designing epidemics surveillance. B.B. – R.D
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**EPIDEMIC UNIT: S L R model**

- If neighbour laugh: Each sec. Proba laugh

**If bad look**

- Each sec. “Proba reconcentrate”

- If bad look: Each sec. “Proba get serious”

**RECONCENTRATED**

**INFECTIONOUS CONTACT NETWORK: Lattice**

**SURVEILLANCE: Shh! report**

- + Proba shh!

**CONTROL**

- + Shh!

**Bad look from presenter**

**Shh! Repport from participant**
**Result:**
If no one says SHH!, 35% of the assistance will be laughing during the whole presentation.

**Conclusion:**
The more people say SHH, the less people laugh.

Please say SHH! as much as you can.
But do I have the good Epidemic model? I learned that infectious periods usually have a normal distribution. Let’s try a new Epidemic unit model!

EPIDEMIC UNIT: S L R model

- If neighbour laugh
  - Each sec.
  - Proba laugh

- If bad look
  - After a fixed laughing period

- After a fixed Re-concentrated period
Results:
If Nobody says SHH! : wave of Laughing lasts 2 min.

Few people say SHH! : Laughing do not stop!

Conclusion:
NEVER say SHH!!
Conclusion of conclusions
A good tool should enable to test both: Policies AND Models

A simulation with NO Shh! and fixed periods

A simulation with Shh! (p= 0.2) and fixed periods

What do you think?

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