Error-sensitive proof-labeling schemes

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Is it properly colored?
Let the nodes decide...
(1) Take a look
(2) Output a decision
Uniform accept
On a bad instance
(1) Take a look
(2) Output a decision
Reject by veto
And spanning forest?
Not so easy...
Let’s ask a ‘friend’
Let’s ask a ‘friend’
Let’s ask a ‘friend’
Let’s ask a ‘friend’
For every labeled graph:

- If it is good:
  ∃ certificate assignment s.t.
  every node accepts

- If it is bad:
  ∀ certificate assignment,
  at least one node rejects.
Three instances
How (in)sensitive?
See you at the poster session!

The poster looks like this →