# A process maturity model for conferences

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# Context

- **Predatory conferences & predatory journals**

- **Causes**

- **Ensuing problem**

# What could be done

- Papers' selection is self-referential

- Quality level of content depend on the community

- Research areas come and go

- Increasing inter and multi disciplinary topics

- Is it possible a general approach?

# A proposal

- Focus on the conference organizational process, evaluating its "maturity"

- Inspired by Software Engineering

- Most relevant aspects of the entire process of papers selection have to be clearly defined and publicly available

- For each of them define a "maturity level" from the informal (artisanal, *ad hoc*) to the formal (industrial, standardized)

# Practicalities

- The higher the overall maturity level the higher the chances of producing good scientific publications

- The goal is not to define a single best model for this process, but to help the community to evaluate the maturity of the model each conference chooses to have.

- Start a working group identifying relevant aspects and proposing individual and overall "maturity levels"

- Experiment, discuss, and refine

- Extension to journals might be considered in a subsequent stage.

# Cooperations

- Involvement of ACM Europe Council ?

- Elsevier and Springer ?

- National Informatics Associations

- European Informatics Scientific Associations

- After initial work discuss possible proposals in open workshop