

# **TCRTS Test-of-Time Award Evaluation Criteria**

9<sup>th</sup> of December of 2020

The TCRTS Awards Sub-Committee

The objective of this document is to provide a number of evaluation criteria to be used by the Test-of-Time (ToT) Awards Committee in the ToT Awards evaluation process to recognize those contributions that served as milestones in the science and technology of real-time systems. In particular, the awards are a recognition to those papers that have made influential and long-lasting contributions that have proved a key result, led to the development of a new subfield, or simply presented a new way of thinking about a topic that has proved influential. Survey papers are not eligible.

## **1. Evaluation Criteria**

Each candidate paper should be evaluated according to the following criteria:

- Number of citations.
- The paper can be considered as a seminal work taken as a reference to build further research on the same area.
- Relevance for the real-time community (topic related to real-time conferences).
- Theoretical contribution on real-time systems research.
- Practical impact on the industry (demonstrated by a clear evidence) or potential impact (judged by the ToT Awards Committee).
- Broadness of the impact (i.e., the paper may have solved an open problem, but the area is too narrow and very few people care about that problem).

## **2. Awards Recommendation**

After evaluating all the candidate papers according to the criteria listed in Section 1, the ToT Awards Committee should make a decision and write, for each of the papers selected for the awards, the motivations that led to that decision.