



Call for ITS Data Mining Competition Proposals at the 21st IEEE International Conference on Intelligent Transportation Systems, Maui, Hawaii, USA, November 4-7, 2018

Proposal submission deadline: February 15, 2018

Competition (Finals) take place: November 04, 2018

The Organizing Committee of Intelligent Transportation Systems Conference 2018 (ITSC2018) solicits proposals for an ITS Data Mining competition to be held on Sunday, 04th November 2018. The final event will precede the main conference, which takes place from Monday, November 05 through Wednesday, November 07.

Admissible proposals must come under the following requirements: an ITS-related goal, relevant potential for business impact, a rigid and fair setup, a challenging yet manageable task, and domain accessibility to the general public. The competitions may come in two formats:

- (i) include multiple deadlines (prior to the final event) that would allow selecting teams of individuals to participate on a hackaton with slightly (but related) different topics and datasets;
- (ii) cover only a single task to be presented and addressed by the potential challengers in the final day;

The usage of online data mining competition platforms (e.g. Kaggle.com) is strongly encouraged. The evaluation criteria should be clear, whereas Machine Learning model's interpretability is an aspect recommended to be taken into consideration (besides the traditional generalization error).

The submission of a competition proposal should be accompanied by a summarizing document, at pdf format, with the following information:

- Title;
- Format: single-stage vs. multiple-stage;
- Organizers (complete address, phone, and email);
- Abstract (up to 300 words);
- Dataset(s) description;
- Business Goal and Relevance;
- Setup and evaluation criteria;

Upon approval the organizers will be asked to produce dissemination materials to be posted at ITSC2018 web site.

The winners of each competition will be requested to make a presentation at the last day plenaries of IEEE ITSC2018.

Submissions and inquiries: Luis Moreira-Matias <luis . Matias @ neclab . eu>