

Put special emphasis on relating the, necessarily simplified, task of the competition to a real problem faced in industry or academia. If the task cannot be cast in those terms, provide a detailed hypothetical scenario and focus on relevance to ECML/PKDD.

1.2 Novelty

Have you heard about similar competitions in the past? If yes, describe the key differences. Indicate whether this is a completely new competition, a competition part of a series, eventually re-using old data.

1.3 Data

If the competition uses an evaluation based on the analysis of data, please provide detailed information about the available data and their annotations, as well as permissions or licenses to use such data.

If new data are collected or generated, provide details on the procedure, including permissions to collect such data obtained by an ethics committee, if human subjects are involved. In this case, it must be clear in the document that the data will be ready prior to the official launch of the competition.

Please justify that: (1) you have access to large enough datasets to make the competition interesting and draw conclusive results; (2) the data will be made freely available;(3) the ground truth has been kept confidential.

1.4 Tasks and application scenarios

Describe the tasks of the competition and explain to which specific real-world scenario(s) they correspond to. If the competition does not lend itself to real-world scenarios, provide a justification. Justify that the problem posed are scientifically or technically challenging but not impossible to solve. If data are used, think of illustrating the same scientific problem using several datasets from various application domains.

1.5 Metrics

For quantitative evaluations, select a scoring metric and justify that it effectively assesses the efficacy of solving the problem at hand. It should be possible to evaluate the results objectively. If no metrics are used, explain how the evaluation will be carried out. Explain how error bars will be computed and/or how the significance in performance difference between participants will be evaluated.

You can include subjective measures provided by human judges (particularly for live/demonstration competitions). In that case, describe the judging criteria, which must be as orthogonal as possible, sensible, and specific. Provide details on the judging protocol, especially how to break ties between judges. Explain how judges will be recruited and, if possible, give a tentative list of judges, justifying their qualifications.

1.6 Baselines, code, and material provided

Specify what are (will be) the baselines for the competition. Provide preliminary results, if available.

Indicate whether there will be available code for the participants to get started with (“starting kit”). For certain competitions, material provided may include a hardware platform.

1.7 Tutorial and documentation

Provide a reference to a white paper you wrote describing the problem and/or explain what tutorial material you will provide.

2 Organizational aspects

2.1 Protocol

Explain the procedure of the competition: what the participants will have to do, what will be submitted (results or code), and the evaluation procedure. Will there be several phases? Will you use a competition platform with on-line submissions and a leader board? Indicate means of preventing cheating. Provide your plan to organize beta tests of your protocol and/or platform.

2.2 Rules

In this section, please provide:

- A verbatim copy of (a draft of) the contest rules given to the contestants.
- A discussion of those rules and how they lead to the desired outcome of your competition.
- A discussion about cheating prevention.

Choose inclusive rules, which allow the broadest possible participation from the ECML/PKDD audience.

2.3 Schedule and readiness

Provide a time line for competition preparation and for running the competition itself. Propose a reasonable schedule leaving enough time for the organizers to prepare the event (a few months), enough time for the participants to develop their methods (e.g. 90 days), enough time for the organizers to review the entries, analyze and publish the results.

For live/demonstration competitions, indicate how much overall time you will need (we do not guarantee all competitions will get the time they request). Also provide a detailed schedule for the on-site contest at ECML/PKDD. This schedule should at least include times for introduction talks/video presentations, demos by the contestants, and an award ceremony.

Will the participants need to prepare their contribution in advance (e.g. prepare a demonstration) and bring ready-made software and hardware to the competition site? Or, on the contrary, can will they be provided with everything they need to enter the competition on the day of the competition? Do they need to register in advance? What can they expect to be available to them on the premises of the live competition (tables, outlets, hardware, software and network connectivity)? What do they need to bring (multiple connectors, extension cords, etc.)?

Indicate what, at the time of writing this proposal, is already ready.

2.4 Competition promotion

Describe the plan that organizers have to promote participation in the competition (e.g., mailing lists in which the call will be distributed, invited talks, etc.).

3 Resources

3.1 Organizing team

Provide a short biography of all team members, stressing their competence for their assignments in the competition organization. Make sure to include: coordinators, data providers, platform administrators, baseline method providers, beta testers, and evaluators.

3.2 Resources provided by organizers, including prizes

Describe your resources (computers, support staff, equipment, sponsors, and available prizes and travel awards).

For live/demonstration competitions, explain how much will be provided by the organizers (demo framework, software, hardware) and what the participants will need to contribute (laptop, phone, other hardware or software).

3.3 Support and facilities requested

Please indicate the kind of support and facilities you need from the conference.

For live/demonstration competitions, indicate what you will need on site from ECML/PKDD in order to run the live competition (size of room, duration, tables, outlets, network connectivity). We do not commit to provide all such support free-of-charge.