

Data Day 6.0

Poster Competition



Institute for
Data Science
CARLETON UNIVERSITY

GUIDELINES FOR PARTICIPANTS

Carleton University Institute for Data Science

BEFORE THE EVENT

Please complete the following steps:

- Register for Data Day 6.0 on our CUIDS website (you will be sent a link to register late-January when registration is set up)
- Sign the *Consent to Publish Student Information* release form and send a copy of the document to laura.gong@carleton.ca

ABSTRACT

Poster abstracts (1 page maximum) must be submitted by Friday, March 1, 2019 to laura.gong@carleton.ca. Abstracts received after this date will not be accepted.

Abstracts must include:

- Poster title
- Full name of student(s)
- Student(s) current program of study
- Student(s) supervisor name
- An outline of your research that should include and address the following:

Introduction

- What is the question you are trying to answer/problem & issue to solve?
- What is the significance of this study, why is it important/relevant/innovative?
- Is this a pilot, a test, a study, something you are building etc.?
- Include potential benefits to society, industry, a field, etc.
- Are there any ethical, social, environmental considerations or risks?

Methodology

- Explain how you think you will go about conducting this study
- Be sure to discuss samples, data sources, algorithms, software, systems, sensors, hardware, machinery, location of study, etc.
- Be sure to discuss benefits, limitations or biases of this study, method, etc.

Results/Conclusions

- Include potential outcomes, and potential applications

- Potential next steps if this is a pilot, or if you think this will go into building something, or it can be commercialized, etc.

You may include citations or references if you have some.

POSTER INFORMATION

Dimensions and design aspects:

Posters must adhere to the following requirements (failure to do so will result in your poster being ineligible for prizes).

- Maximum dimensions = 4 ft. X 4 ft. (1.22 m X 1.22 m). *Please note that your poster may be smaller than these dimension but should not be larger.*
- Font size must be legible from a short distance. *Suggested font sizes are: 44 for titles, 38-40 for body text, 18-24 for captions under images, and 18 for references.*
- Your poster may be landscape or portrait.

For questions about design and printing, please consult your supervisor. (S)He is best placed to advise you on this.

EXPECTED POSTER COMPONENTS

The following information must be present:

- Poster title
- Full name of student(s), student(s)' current program of study, student(s)' supervisor name

Diagrams/tables/charts/algorithms/pictures

- Introduction
- Methodology
- Datasets & limitations
- Results
- Conclusion
- References
- Acknowledgements

POSTER JUDGING PROCESS

The posters will be critiqued by a panel of qualified poster judges during the event on March 27th 2018. Please refrain from approaching the poster judges during the event; they will visit your poster during the scheduled visitation times (please see event schedule for exact times).

The panel of judges will be visiting posters and discussing the research projects with individuals and/or team members. You will be evaluated on both the poster displayed and the oral presentation of your research.

Please keep in mind the following expectations that judges will have of the individual/team during the visitation times:

- You and all team members should be present. Each of the members in your team should have expertise in some aspect of the project and be prepared to respond to questions from judges.
- If you are working with a partner or in a team, you must ensure that all members contribute to the presentation. The judges will expect a team presentation. Selecting a single spokesperson will negatively impact your score.
- Due to time constraints, your oral presentation must be concise. Should a judge request a brief explanation, keep your response succinct.
- Data Day is a full day event that is open to the public. You should anticipate that other members of the community will visit your poster during the judges' scheduled visitation times. However, judges must be prioritized as they have limitations on the time they can spend visiting each poster and fulfilling their responsibilities as a judge.

The judges' decisions are final.

POSTER EVALUATION CRITERIA

Below is a list of criteria that are being used to judge the poster:

- **OVERALL AESTHETIC APPEAL**
The poster should not have too many dramatic colours or font changes. Please use colour and fonts appropriately so as to keep the poster professional and consistent in its representation of concepts.
- **ABILITY TO STAND ON ITS OWN**
The poster should communicate the scope of the project clearly and effectively even when you and/or your team are not present.
- **CONTENT RELEVANCE**
Ensure that the content chosen for the poster is truly relevant and avoid redundancy.
- **BALANCE OF IMAGES, TEXT, AND SPACE**
Images should be dominant in communicating the project and research on the poster, and the use of excessive text should be avoided. Adequate space should be given around text and images to avoid a crowded appearance.
- **CONCISENESS**
People should not have to spend more than five minutes to read and understand the poster. The content of the poster should be technically written and easily understood by all (even those with no pre-existing knowledge of your field of research).
- **FLOW**
The content of your poster should be easily navigable and organized logically.
- **CONTENT ACCURACY**
Content should be free of errors, including spelling and grammatical errors. Carefully review the accuracy of any scientific content in the poster (e.g. mathematical errors in models will negatively impact scoring).

- **LEGIBILITY**
The poster should be easy to read and free of distracting background colours. Text should be clear and crisp, and legible from a short distance. Figures should have sharp detail. Poor quality images and text will negatively impact scoring.
- **QUALITY OF GRAPHICS**
The poster's key concepts should be represented graphically. It will positively impact scoring if the poster contains single images that effectively represent entire concepts. Images should be well labeled with clear legends.
- **RECOGNITION AND ATTRIBUTION OF OTHER CONTRIBUTORS**
The poster should give credit to all contributors. Please use attribution for key concepts rather than small details.
- **ORAL PRESENTATION TO SUPPLEMENT POSTER**
The oral presentation should provide a comprehensive, albeit concise overview of the project and content of the poster. You and/or team members should be prepared to answer in-depth questions about your research and be able to demonstrate a strong understanding of the project and what the poster represents.

FOR MORE INFORMATION

Please direct questions to:

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We thank you for your participation and wish you good luck!