



Call for Abstracts

Clean technology innovation will be front and centre at SPARK 2017. Don't miss this opportunity to connect with idea generators in industry and research, investors, experts and innovation advisors who can help you advance your clean technology and bioindustrial solutions toward commercialization.

Emissions Reduction Alberta (ERA) and Alberta Innovates are supporting game-changing solutions and the clean technology innovation system to reduce our environmental impact, generate jobs and build a diversified, lower carbon economy in Alberta.

Presentation opportunity

We invite you to submit an abstract for paper or digital poster, and/or oral presentations at the SPARK 2017 Conference taking place November 6 – 8, 2017 at the Shaw Conference in Edmonton, Alberta.

We encourage submissions from academia, both students and faculty, companies of all sizes, associations, communities, government, research organizations, and individuals who are advancing innovative products and technologies, leading demonstration projects, undertaking case studies and policy or regulation studies.

Please read this Call for Abstracts information carefully before beginning the abstract submission form at <https://www.xcdsystem.com/spark2017/abstract/abstract.cfm>

Important Dates

Abstract Submission Deadline:	Monday, June 19, 2017
Notification Date:	Tuesday, July 18, 2017
RSVP Date:	Tuesday, July 25, 2017
Early Bird Registration Deadline:	Tuesday, September 26, 2017

Themes

Submissions may include early research, to full commercialization projects, case studies and demonstrations and policy and regulation research.

Please consider the following conference themes when preparing your submission(s). Your presentation submission does not need to fall under one specific theme; we welcome submissions from all different perspectives.

Theme 1: Bioindustrial Development and Biological GHG Emissions

- New biomaterials, biochemical and bioenergy products and technologies
- Biomass value chains
- Products and technologies to address biological GHG emissions
- Carbon sinks and biological carbon sequestration
- Measurement and quantification technologies for GHG emissions
- Policy, regulation, consumer studies in related areas.

Theme 2: Industrial Processes & Energy Efficiency

- Pre-commercial or early stage technologies and products to deliver GHG reductions through energy efficiency in industrial settings.
- New and novel technology to reduce GHG emissions from industrial processes.
- Innovative processes to create new products and markets from carbon-dioxide conversion and utilization.
- Policy and regulation related to industrial energy efficiency and industrial process technology.

Theme 3: Reducing GHG Footprint from Fossil Fuels

- New and novel technologies to reduce the GHG footprint of the fossil fuel supply chain.
- Areas of interest include but are not limited to: advanced heavy oil and bitumen recovery, partial upgrading, oil sands produced water treatment, and tailings management, etc.
- Technologies to improve the detection, monitoring, measurement, and reduction of methane emissions.
- Policy and regulation to related to GHG emissions reductions.

Theme 4: Low-emitting Electricity Supply

- New technologies to reduce the GHG footprint of electricity supply.
- Technology or processes to integrate distributed energy and renewable energy into Alberta's electricity system.
- Areas of interest include but are not limited to: new and innovative renewable energy technology, co-generation technology, energy storage technology, and smart-grid.
- Policy and regulation related to electricity supply

Review Process

Abstracts will undergo a peer-review process.

The Abstract Review Committee will assess each abstract based on its adherence to format, scientific or technical merit, and alignment with the overall conference themes.

The primary author of all accepted abstract submissions will be contacted via email by **Tuesday, July 18, 2017** to notify of accepted poster or oral presentations.

All selected abstracts will be made available to the conference participants.

Abstract Format

Please use the following guide to help structure your abstract:

1. Introduction

2. Objective

Describe the question under investigation, the hypothesis or research goal, the product or technology being developed, the case study or the demonstration.

3. Design /Methods

Describe the design and methodology of the research.

For product, technology demonstration or case studies describe the status of the technology or process.

4. Results

Provide a summary of the findings of the research, technology development, demonstration, or case study, discuss results and key learnings to date.

5. Conclusion

Statement of how the work advances the research field, the industry, the product or technology and if appropriate, next steps.

6. Acknowledgements

Abstract Review

Each submission will be reviewed based on the following criteria:

- Relevance to the conference audience
- Clarity of the objective(s)
- Sufficient data or demonstration results
- Clear summary of results
- Clear statement of relevance to the area of research, product or technology development.
- The posters and oral presentations CANNOT be an advertisement. Presentations and posters must clearly add value to the development of science, policy, or product/technology development.

Abstract Form Submission

Submissions must be completed online, by clicking [here](#). You will be asked to create a profile before submitting your abstract. Once your profile has been created, you may submit multiple abstracts.

1. Abstracts must be submitted electronically using the official online submission form.
2. Abstracts must identify the presenting author along with email address and phone number.
3. Please use standard abbreviations. Place special or unusual abbreviations in parenthesis after the full word when it appears for the first time.
4. Errors, misspellings and incorrect abbreviations will not be corrected.
5. Minimize the use of charts as this detail is not used to evaluate the merit of your abstract.
6. Abstracts must not exceed 350 words (excluding the abstract heading).
7. An individual or organization may submit more than one abstract.
8. There is no fee to submit abstract(s).
9. Edits to submitted abstracts may be made up to the submission deadline. Instructions for making edits can be found on the online abstract submission form.
10. The conference program committee may propose an alternative presentation format, based on the available times in the conference program.

Presentation at the Conference

There are several options for presentation; **please indicate your preference presentation format on the online submission form.**

Poster Presentations		Oral Presentations
<u>Paper Poster</u>	<u>Digital Poster</u>	
<p><i>Size:</i> max. 4' high x 8' wide</p> <p>Oversize posters may not be displayed. Push pins will not be provided at the Conference.</p> <p>The presenter will be required to stand by his/her poster(s) at specific times to answer questions during the Conference. In the case of multiple authors, at least one author is required to stand by the poster at the specified times (to be confirmed at a later date).</p>	<p><i>Size of screen:</i> approx. 50" (TBC) <i>Aspect ratio:</i> 16:9 <i>Length: 3 minutes maximum</i> for slideshows and videos - Slideshows will be set to automatically advance the slide every 20 seconds if not defined by author</p> <p><i>Format:</i> video, PDF, PPT and other image formats are acceptable.</p> <p>No volume.</p> <p>There will be no individual presentation time; digital posters</p>	<p><i>Length:</i> 10 minutes + 5 minutes for Q&A.</p> <p>Oral presentations will occur during one of the breakout sessions at one of the specified times below:</p> <p><u>Tues., November 7, 2017</u> 12:45pm – 2:00pm 2:15pm – 3:30pm</p> <p><u>Wed., November 8, 2017</u> 10:15am – 11:30am 12:45pm – 2:00pm</p>

	will loop on the screen at specified times throughout the event.	
	<p>IMPORTANT</p> <p>Digital posters must be submitted by Monday Oct. 2, 2017.</p> <p>Digital posters will not be accepted on site.</p> <p>Digital posters will be reviewed and scheduled by Conference Organizers for display at the conference.</p>	

1. If an abstract is accepted for paper or digital poster or oral presentation at the conference, the presenter(s) agree(s) to register for the Conference and pay the appropriate registration fee.
2. The Conference will not cover expenses of those presenting posters, or giving an oral presentation based on an abstract submission, such as expenses for developing the poster, shipping, travel, or accommodation.

Student Presentation Competition

Three prizes will be awarded for student presentations in the conference. Presentations in any form (paper poster, digital poster or oral presentation) will be considered in the competition. Students must register for the competition on the online submission form.

- *All student submissions will be automatically placed into competition
- Winners will be determined based on the quality of their abstract presentation on-site at the conference (digital presentations will be judged based on the quality and engagement of the ppt/video presentation)
- More details regarding the full criteria will be circulated to students prior to the conference

Students must provide a valid student ID or other proof of enrolment in **full-time studies at an accredited institution.*

Conference Information

Registration Fees

Early Bird Fee (until October 2, 2017)	\$425.00
Regular Fee (after October 2, 2017)	\$495.00

Conference Venue

The SPARK 2017 will take place from November 6 – 8, 2017 at the Shaw Conference Centre in Edmonton, Alberta.

Shaw Conference Centre
9797 Jasper Ave, Edmonton, T5J 1N9
(780) 421-9797

Information on accommodation can be found on the Conference website shortly.

Copyright Permission

By submitting abstracts to the Conference, submitters authorize, upon acceptance, the permission to reproduce their abstract in the Conference syllabus and on the Conference website and may be photographed, tweeted, etc.

For More Information

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