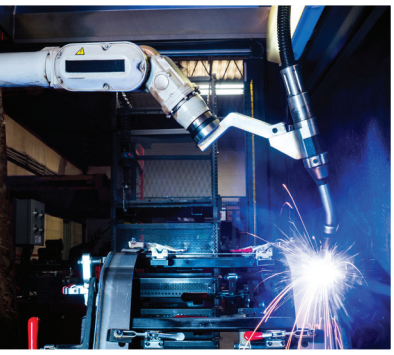
2020 CANWELD CONFERENCE 2020

METAL FABRICATING - WELDING - FINISHING

CALL FOR SPEAKERS



The CWB Association, Welding Foundation and the CWB Group are pleased to invite you to submit an Abstract for the 2020 CanWeld Conference.

The theme for this years' conference is **Modernizing Welding Through Automation**. It will increase visibility of Canada's manufacturing heartland region and highlight the automotive, steel-making and metal fabrication industries. The Conference will be held in Toronto, Ontario.

JUNE 16 -18TH, 2020 - TORONTO CONGRESS CENTRE

ABOUT THE CONFERENCE

CanWeld will bring together people from an extensive range of industry contributors such as educators, decision makers, influencers, suppliers and consultants. It will be a great opportunity to discuss issues around current trends and advances, welding and joining, health and safety, and so much more.

Delegates attending the conference will be drawn from a wide range of industries including mining, oil and gas, pipelines, power generation, petrochemical, fabrication and construction, manufacturing, steel and shipbuilding, pulp and paper and others.

Key Target professions: welders, welding supervisors, engineers, technologists, owners etc.

CanWeld will highlight the manufacturing and energy sectors and, most importantly, be a platform to connect with industry professionals and leaders from all over Canada and worldwide.

PARTICIPATE AS A SPEAKER

We are looking for knowledgeable speakers on a range of topics relating to:

- Welding Fabrication: application of welding to the building of things such as bridges, buildings, automotive and pipelines.
- Business of Welding: knowledge of current opportunities, challenges, and important facts of the market related to welding technologies and welding fabrication
- Welding Inspection: practical applications, challenges, solutions, research, innovation etc.
- Industry Success:
  - Skilled Resources: Skills development
    - Welding
    - Metal Fabrication
    - Shipbuilding
    - Oil and Gas
  - Apprenticeship best practices and solutions
    - Programs
    - Mentorships
- Advancements in Welding Technologies:
  - Aluminum welding solutions
  - Productivity Improvement: Technology, Techniques
  - Weld Repairs for Infrastructure projects
  - Innovations and research in welding processes, alloys, technologies, additive manufacturing, artificial intelligence and automation
  - Welding safety

Topics should be applicable to the industry by including examples of real world applications, required equipment and training, measurability and opportunities with the current and/or future Canadian welding and fabricating industry in mind.

Abstracts should clearly outline the value of the associate presentation in terms of the information to be delivered, as well as any specific knowledge takeaways for the audience.

TOPICS FOR CONSIDERATION:

- Welding engineering solutions to welding challenges and innovative approaches
- Welding processes, techniques, equipment and applications
- Fabrication of buildings, bridges, pipelines, pressure vessels, transportation equipment, machinery, pressure piping and equipment etc.
- Structural integrity, fitness for service and inspection
- Material handling, corrosion prevention and preparation
- Robotics, automation and predicting the behavior of welds
- Quality systems and quality assurance
- Codes, standards and regulatory issues
- Business best practices (financing, insurance, etc.)
- Finding and securing business (domestic and international)

ABSTRACT CRITERIA

Abstracts must be submitted in Microsoft word format and conforming to the following criteria:

- 100-200 words in length, provide sufficient detail for a fair assessment of the work to be presented. Information about the target audience and key learning delivered should be included at the top of each abstract.

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CALL FOR **SPEAKERS**

- You may reference specific brands, products and services as part of your presentation but it must not be a commercial for or a direct endorsement.
- Author information - include names and contact information and provide a high resolution photo of 300dpi, and a biography of 100 words.
- Abstracts should also have a clear outline of objectives, and summary with conclusions

SELECTION PROCESS

Abstracts that appeal to a wider audience addressing specific and/or known issues in the industry will get priority. We also strongly encourage submissions relating to work taking place within Canada, although all submissions are welcome.

Material must be submitted in electronic format to:
Dan Tadic, Executive Director, CWB Association
dan.tadic@cwbgroup.org

WHITE PAPERS

Selected abstracts will require a detailed white paper to be submitted. White papers must be submitted in Microsoft Word format and conform to the following criteria:

- Not to exceed 15 pages, 11 point Arial font, 1.5 line spacing
- Speaker details: Name, Job Title, Company and contact information (including email)
- Copyright status: Indicating ownership of material, noting any prior publication(s)

PRESENTATIONS

Abstracts selected for presentation will require an associated Microsoft PowerPoint which is not to exceed the allocated 25 minute time slot. Audio and video elements are allowed as long as they are embedded into the PowerPoint document.

STUDENT POSTER PRESENTATIONS

Students are invited to submit Poster presentation proposals. The poster should include a brief summary of what the audience will learn from your presentation. The poster presentation could contain the following: photos, graphics, a brief summary. The poster should contain information that generates dialogue and engages the audience in the conversation about the project.

COPYRIGHT

All material submitted must clearly indicate ownership and any use in prior publication(s). Material presented at the Conference will be republished by the CWB Group. A **Material Release Form** will be provided to all presenters prior to the Conference.

ABSTRACT SUBMISSION DEADLINES:

- Deadline for abstract submissions: **February 10th, 2020**
- Notification of acceptance: **March 11th, 2020**
- Deadline for PowerPoint presentation submissions: **May 25th, 2020**
- Deadline for White Paper submissions: **June 5th, 2020**

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