AUTHOR'S GUIDE

RIO PIPELINE CONFERENCE AND EXHIBITION 2023

Summary

SUBMISSION OF TECHNICAL PAPERS - RIO PIPELINE 2023

Rio Pipeline is the meeting between the most diverse participants in this segment, permeated by high-importance technical content, networking and a business environment.

With the participation of specialists from all over the world, the event provides for a qualified debate on improving the efficiency, quality and safety of transport by pipelines, including the objective of building a communication channel and a relationship of trust between sector and society, explaining the benefits and importance of this activity for the development of countries.
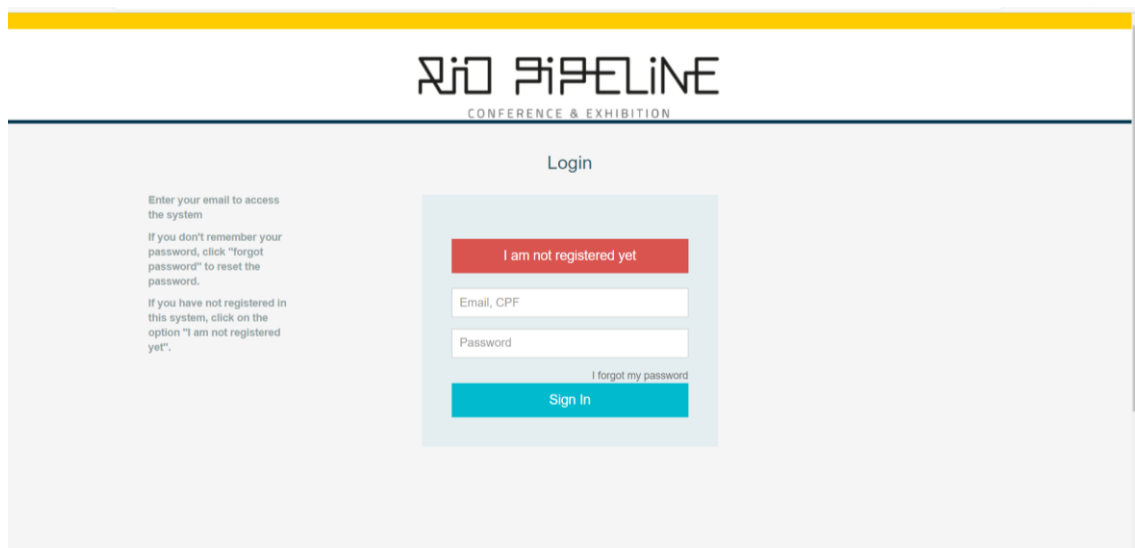
1. Welcome

Welcome to the process of submitting papers to **Rio Pipeline Conference and Exhibition 2023.** Your technical contribution is very important to the success of the event.

This guide aims to guide you throughout the process of submission of technical paper for evaluation of the **Rio Pipeline** Technical Committee. The event will take place in a presential format at EXPO MAG (Rua Beatriz Larragoiti Lucas - Cidade Nova, Rio de Janeiro – RJ), from August 8-10, 2023 The languages of the event are: Portuguese or English. Simultaneous translation will be available (English/Portuguese/English).

The selection of technical papers consists of one phase: Complete paper.

The paper must contain a relevant technical contribution of interest to the industry and may not contain any commercial and/or advertising material.

Below is a demonstration of the first access to the system:

Link de acesso: https://icongresso.ibp.itarget.com.br/estacao/index/index/evento/6

2. Paper Submission

Your technical paper must be 5 to 10 pages long, according to the template to be made available in the system and be in accordance with the following Technical and Strategic Tracks:

Technical Tracks
1.Control Room & AUTOMATION Cyber Security. Control Room Management. Supervisory Systems. Measurement and Metering. Sensoring Technologies. Automation and Instrumentation. Leak Detection.
2. Subsea Systems Rigid pipelines and risers. Flexibles and umbilicals. Ultra deep-water challenges. Flow Assurance. Sensoring technologies and monitoring systems. Design. Installation. Pre-commissioning. Decommissioning. Welding processes. CFD. Fracture, fatigue, collapse. VIV. On bottom stability and pipe soil interaction. Operational experiences and lessons learned. Submarine drones.
3. Logistics and Operation Operational Excellence. Optimization of Pipeline Systems and Networks. Capacity expansion and cost reductions studies. Operation Management Systems and Technologies. Hydraulic Simulations. De-bottlenecking. Reduction of interfaces in multi-products pipelines. Management Systems and Technologies for Pipeline Operation. Certification. Multi-modal transport. Ship demurring.
4. Risk & Reliability Reliability Engineering. Risk Based Inspection. Reliability Centered Maintenance. Human Reliability. Crisis and Risk Management. Supply Chain Optimization. Contingency Plans.
5. Structural integrity PIMS (Pipeline Integrity Management Systems). Conditional State Prediction. Defect Assessment. Failure Modes and Mechanisms. Pipeline Ageing. Hydrotesting. MOP validation. Life-extensions and re-purposings. Failure Analysis.
6. Corrosion & Cracking SCC. Environmentally Assisted Cracking. Crack Threat Assessment. Corrosion Prevention. Corrosion Inhibitors. Corrosion Monitoring. Microbiological Corrosion. Erosion. Corrosion under insulation.
7. Inspection Technologies ILI tools. Inspection of unpiggabble lines . Technologies for in situ, non destructive testing. Detection of coating defects. Detection of cracks, metal loss, geometric, manufacture and/or welding defects. Inertial Inspections. Material Inspections. Circumferential defects. Data Validation.

8. Design, Construction, Materials and Right of way creation
Route engineering. Pipes and accessories specification. Pumps and compressors specification. Crossings. Horizontal drilling and micro tunneling technologies. Construction and fabrication equipment. New construction procedures. New metallic and non-metallic materials. Thermo hydraulic simulations.

9. GIS Mapping and Geotechnical analyses
Geographic information systems. Pipeline and right of way mapping. Pipeline location and geopositioning. Satellite imagining. Geomatics. Geotechnical and hydrotechnical inspections, monitoring, assessments and interventions. Landslides and mass movement. Geotechnical sensoring. Erosion and upheaval displacement. Righ of way inspections. Aerial drones.

10. Maintenance & Rehabilitation of Pipeline systems
Maintenance management technologies. Maintenance planning. Reliability centered maintenance. Hot tapping. Qualification of piepeline repair services and materials. Special procedures.

11. Distribution, Storage & Terminals.
Equipment selection and maintenance best practices. Performance Analysis. Proccess Optimization. Custody Transference.. Energy Efficiency and Emissions Control

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Strategic Tracks

1.ESG. Environmental License
Environmental Management. Safety Management. Impact mitigation. Compensatory measures. Public Perception Management. Engagement with right away communities. Governance indicators. Data Governance on Pipeline Operations.

2.Business Environment
Energy Security. LNG Market. Regulation. Public Perception. Investor confidence. Independent Operators. Commodity Pricing. Regional and International Market Outlooks. Geopolitical and Trading shifts.

3.Energy Transition
Energy Transition Outlooks. Hydrogen Master Planning. Strategies and technologies for decarbonization. Projects, resources and knowledge sharing on ethanol, ammonia, hydrogen and CO_2 pipelines.

4.Human Capital
Talent Acquisition. Competence Development Programs. Competence Diagnostic. Distance learning programs. R&D workforces. Technical associations supporting initiatives/programs.

2.1 Access to the author's area

2.1.1. The first part of the form consists of filling in the basic data of the authors of the paper. It is important to note that:

Each paper can have up to 05 authors listed on the registration form.

A main author should be registered, who has made the greater contribution to the development of technical paper, and the other co-authors, numbered by level of contribution in the development of the project.

The authors indicated in the paper should be those who wrote the text and actively participated in the development of the project. Other collaborators of the paper can be mentioned in the acknowledgement section.

The presenter author must be the contact author too and performs both functions.

We remind you that it is important to fill out the correct e-mail of all authors, because the system automatically generates a login to follow the process by the other authors of the paper.

Contact Author: Responsible for communication with the congress area throughout the process, for the registration of the paper, upload of the abstract and the final text. Only this author can perform an update on the paper information via the author's area.

Presenter Author: responsible for performing the presentation of the paper.

2.1.2. The second part of the form consists of filling in the general paper data:

- Country of the paper;
- Language: only papers in English are allowed
- Title:

  - 126 carachters
  - Only in English.
  - Only the initial in caps lock, except acronyms.
        E.g.: Domestic production and import NG/LNG

- Technical or Strategic Tracks – Mandatory;
- Presentation format: Oral presentation or Poster digital presentation
- Attribute:
  - Digital Transformation
  - Generated Knowledge
  - Generated Business

- Abstract:
  - Only in English
  - From 100 to 500 words
  - It must be written in a single paragraph, justified and without skipping lines.

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- Keywords:
  - Only in English.
  - Three to five keywords.

2.2 Bibliographic References

Bibliographic references must be entered by the contact/presenter author only in the form. At the end of the process, they will be transferred to the paper file by the system. It is important that the insertion of references follow the instructions to meet the requirements of the search bases.

When inserting each reference, the author must pay attention to the following fields

- AUTHOR

- The names of all authors must be written in the following order: "last name, comma and other abbreviated names".

Example: Sousa, H.N.

- If the author is a part of an institution, the name must be written in full.

Example: Brazilian Institute of Oil and Gas
- Only the first letters of the names of the author or institution in capital letters.

- For references of papers with more than 7 authors, the name of the first seven must be included. For other authors, the expression "et al." must be added, which means "and others".

- PAGES: inform which page range the article is in the original publication (Example: 13-30) or the "article identification code", if any (Example: 0310).

- DATE: It is mandatory to indicate the year in the references, even if estimated. If the day and month of publication of the work is not known, indicate as "01/01/YEAR OF PUBLICATION".

- PLACE: indicate the place of publication of the work. (Example: Rio de Janeiro).

- ISSUE: indicate the issue number of the magazine, newspaper or congress.

At the end of filling out the reference, an alert will appear to confirm that all fields have been filled in, just click ADD. If you have forgotten any data, click REVIEW.

2.3 Registration Update

Before accessing the form for sending your paper, pre-save the information to be added to the form in a document outside the system, as the paper data must be completed and sent in a single opportunity.

2.4 Paper Upload

At the end of filling out the form, the contact/presenter author will upload the text.

Be sure to place the text in the event template's beforehand, following the rules of the document. The template can be downloaded in the author's area.

Only PDF files will be accepted.

At the end of the paper registration process, the system will transform the information filled in the form, in a single PDF file. This document will be accessed by the evaluator for review. **Thus, for your paper to be evaluated, pay attention to the correct filling of the fields and the use of the template is essential.**

NOTE: **before submitting your final paper, please check the complete tracks in page 4.**

MAKE SURE ALL DATA IS UP TO DATE BEFORE CLICKING SUBMIT PAPER. AFTER SUBMISSION, YOUR PAPER WILL BE DIRECTED TO THE EVALUATION COMMITTEE AND UPDATES CANNOT BE MADE.

3. Final Paper Evaluation

The selection of papers for inclusion in the final program will be based on the analysis of the Technical Committee, sovereign in its decisions. Please note that the Technical Committee reserves the right to refuse the paper if it does not meet the expectations of the event.

The evaluation will be carried out by two evaluators, specialists in the subject area and appointed by the Technical Committee, following the criteria below:

EVALUATION CRITERIA - FINAL TEXT
Currentness of the topic
Clarity, organization and quality of composition
A relevant contribution to the pipeline industry
Quality of the content

The points below will also be noted when evaluating your paper:

• Clarity as to the method used to reach the conclusions presented in the paper.
• Theoretical deepening (minimum of 5 references).
• Writing and standardization of paper: correct typing, punctuation, spelling and use of editorial standards.
• Originality and originality of the paper (addressing new issues, with perspectives not so explored).
• Do not take an ideological, opinionated, aggressive and prejudiced position in your paper.

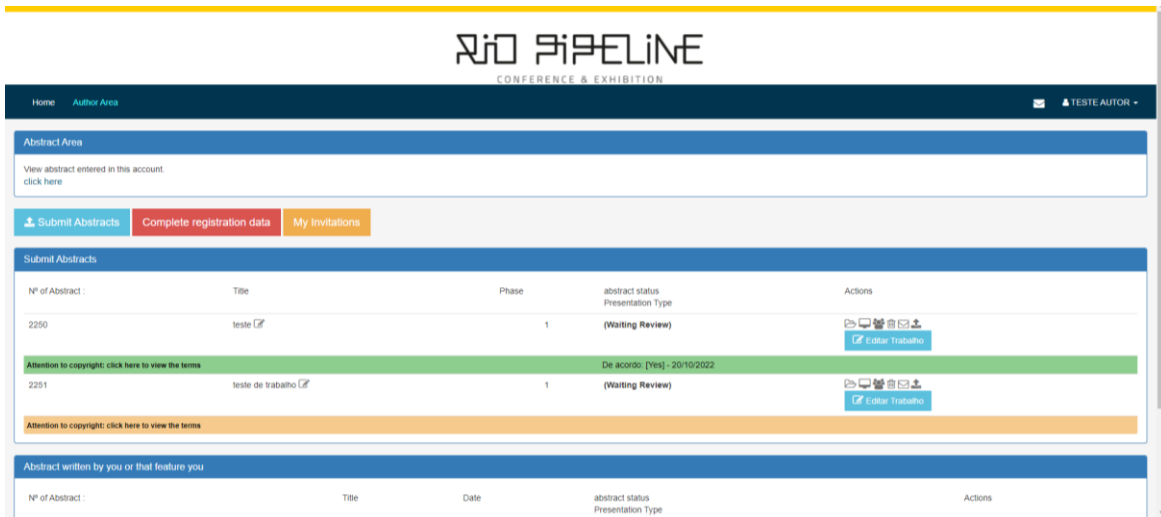After evaluation, the paper can be considered:
- **Approved;**
- **Rejected;**
- **Request for review;**

Papers that have the status "request for review" must have their content corrected, according to the evaluator's justifications and within the deadline stipulated in the schedule.

4. Author's Individual Registration

The authors registered by the contact/presenter author will have a login generated automatically, with the paper linked to their registration, and will receive the link in the email to perform the registration of the password.

All authors must individually access their respective areas and complete their individual registration data.

When accessing the author's area, the author must click on "Complete Registration Data" to inform his/her personal data. This form must be completed by JUNE 19th 2023.

We ask for special attention in completing the ORCID, code used to identify authors in the publication record.

Orcid registration must be made at the link: https://www.orcid.org/register

After completing the registration, copy the link of your ORCID ID (URL format) and paste in the "ORCID" field of your form. **Example:** https://orcid.org/0000-0000-0000-00X

THE COMPLETION OF ORCID IS MANDATORY FOR ALL AUTHORS, THEREFORE, ONLY PAPERS IN WHICH THE ORCID ID OF ALL AUTHORS IS FILLED IN WILL BE APPROVED.

The author must also accept the term of authorization to use image for presentation at the congress.

The conformity and veracity of the data are the sole responsibility of the author.
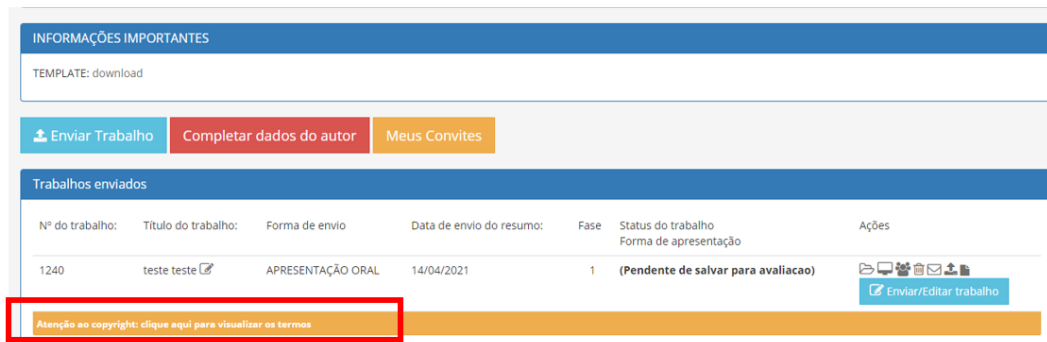

5. Copyright Authorization

All authors must access their Author's Area individually to read carefully and agree to the terms of **copyright (**publication authorization) of each paper linked to their name.

This action is mandatory and should be carried out by June 19th, 2023.

Papers that do not have their copyright accepted by all authors will NOT receive the DOI and will NOT be published.

Click on the "Attention to copyright" icon to view the terms and agree.
When performing the action, the icon will change to green.

6. Publication

The papers included in the final program of the congress will be published in the IBP Digital Library, with ISSN registration. They will be registered in the CrossRef database to receive the DOI code.

The DOI registration will be made prior to the event and, after the publication of the paper, no further modifications in the registration of the paper or authors will be allowed.

7. Event Registration

All authors must register as delegates if they participate in the Rio Pipeline Conference and Exhibition. **In order for the approved paper to be included in the final program and published in the databases, it is necessary that at least the presenting author of the project registers, within the period informed in the paper submission schedule.**

- Author's registration values: R$1.180,00

- Information and how to register will be send until April, 2023.

8. Important Informations

8.1 PRESENTATION FORMAT (ORAL PRESENTATION OR DIGITAL POSTER)

The author may choose to present his paper in the Oral session or in the Poster Digital session format. However, the final decision will be made by the Technical Committee, which will bear in mind the recommendation of the evaluator. The evaluator's recommendation of the paper presentation format is essential.

– Oral Presentation: Sessions with presentation of papers of technical or economic nature, of general interest to a large audience. The organization allocates 15 minutes for the author's presentation, followed by other 5 minutes for debates with the audience.

– Digital Poster Presentation: These sessions will provide more informal forum for direct contact between authors and delegates in technical matters of specific focus.

Congress Coordination
congressos@ibp.org.br

They may be scientific and/or cutting-edge topics of great interest but aimed at a specific audience. In this session, the author will have 15 minutes to present his/her paper, without debates.

8.2 More about the paper

a) Title of the paper: must contain 126 characters.

b) Abstract : from 500 to 1200 characters.

c) Complete Paper: must contain form 5 to 10 pages.

NOTE: the papers must be writing in English, even though your speech is in Portuguese. Papers wrote in Portuguese will be reject.

d) The inclusion of up to 5 authors per paper will be allowed.

8.3 Contact information

It is important to keep your contact information up to date, particularly cell phone contact information, so that we can easily contact you throughout the process.

9. Schedule

Deadline to receive complete papers (5-10 pages)	**October 31, 2022**	**February 28, 2023**
Notification of assessment of complete papers and request the review	**April 7, 2023**	**April 7, 2023**
Deadline to receive reviewed papers	**April 7, 2023**	**April 21, 2023**
Notification of dates, times and presentation format (oral presentation and digital poster)	**May 19, 2023**	**May 19, 2023**
Deadline for receiving video/PPT and other materials	**May 19, 2023**	**June 19, 2023**
Deadline to registration of presenting authors (All authors must register as delegates if they participate in the Rio Pipeline Conference and Exhibition. In order for the approved paper to be included in the final program and published in the databases, it is necessary that at least the presenting author of the project registers, within the period informed in the paper submission schedule)	**May 19, 2023**	**June 19, 2023**
Rio Pipeline	**August 8, 2023**	**August 10, 2023**