Call for Contributions

1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=BUSTECH+2023+Special
Please select Track Preference as **AIBAI**
3. Note: *For 2023, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

AIBAI: AI in Business Applications and Industries

Chair
Prof. Dr. Hanen OCHI, EFREI Lab Research, France
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along with
BUSTECH 2023: The Thirteenth International Conference on Business Intelligence and Technology
https://www.iaria.org/conferences2023/BUSTECH23.html
June 26 - 30, 2023 - Nice, Saint-Laurent-du-Var, France

Artificial intelligence has a wide range of uses in businesses, and in industry in general. Business process solutions with AI capabilities offer unprecedented capabilities and results. And with Digital Transformation and Automation of Business Processes, the industrial revolution, is an ongoing process that is continuously improving. It needs to be analyzed and evaluated.

In this context, we propose this special track to focus on exploring the ways in which artificial intelligence can be used to improve business operations, decision-making, and customer experiences, but also to explore the intersection of IA and ethical considerations/implications in a business context. This track would cover the use of AI to analyze large datasets and identify patterns and trends that can inform business decisions. It might include discussions of machine learning algorithms, predictive modeling, and natural language processing that can applied to workflows or business processes .

Some possible topics that might be covered in such a track could include:

Industry-specific applications: This issue would explore the ways in which AI can be applied to specific industries, such as healthcare, finance, or retail. It might include case studies and examples of successful AI implementations in these fields, as well as challenges and limitations to AI adoption.

Modeling, Automation, and Optimization: This topic would cover the use of AI to automate repetitive or time-consuming tasks, such as data entry or customer service inquiries. It might also explore ways in which AI can optimize business processes, such as supply chain management or inventory control.

Customer experience: This topic would focus on the ways in which AI can be used to enhance the customer experience, such as through personalized recommendations, chatbots, or voice assistants. It might also address concerns around privacy and ethical considerations in the use of AI for customer interactions.

Trust and transparency: This topic would explore the importance of trust and transparency in the use of AI, particularly when it comes to sensitive business applications such as fraud detection or risk management. It might include discussions of explainability, accountability, and bias mitigation strategies.

Privacy and protection: This topic would address the legal and ethical considerations surrounding the use of AI algorithms in collecting, processing, and storing data. It might cover both Data or flow dimensions. As example, we can cite topics such as business processes abstraction or modeling, that ensure the privacy inside organizations' workflows or Datasets.

Discovery and improvement: This topic would focus on the ways in some approaches can be used to enhance AI-based solutions in a business context. It might address concerns around the potential vulnerabilities and risks associated with using AI and process mining for example together, as well as the opportunities for improving business operations.

The scope of our special track will not be restricted to any specific domain but will be relevant to a range of sectors for which we can have some potential specificities related to strategic decisions.

Example Subtopics for Contributions include, but are not limited to:

- Industry-specific applications:
- Modeling, Automation and optimization
- Customer experience
- Trust and transparency
- Privacy and data protection
- Discovery and improvement

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Important Datelines
Inform the Chair or Coordinator: As soon as you decide to contribute
       Submission: May 11 (earlier, better)
       Notification: May 29
       Registration: June 8
       Camera-ready: June 8
Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules:
http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=BUSTECH+2023+Special
Please select Track Preference as **AIBAI**

Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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