CALL FOR ABSTRACTS

KEN KENNEDY
AI AND DATA SCIENCE CONFERENCE

You are invited to prepare an extended abstract for presentation at the 5th Annual 2021 Ken Kennedy AI and Data Science Conference. Innovation and ideas are often generated at the interface of different disciplines and industry verticals. The conference will be a research, development, and innovation (RD&I) gathering, bringing together researchers from universities, national laboratories (technology developers), industry verticals (technology consumers and deployment), mixed in with a vibrant IT industry (technology providers). The conference will strike a balance between applied and fundamental data science, and academia and industry. This combination of research and application discussion will create a venue for networking, collaboration, and partnership building.

The Ken Kennedy AI and Data Science Conference is interested in exposing how data science can be used to address interesting challenges for translating data to knowledge through advances in data engineering, analytics, machine learning, deep learning, reinforcement learning, and more broadly, artificial intelligence (AI). The conference program will feature a mix of invited talks by leading experts, complemented by thematically organized sessions with talks selected from submitted abstracts.

We invite prospective speakers to submit extended abstracts and presentation proposals that highlight technology, use-cases, and solutions that support data-driven discovery and decision making. We encourage the broadest possible set of use-cases ranging from health care, energy, finance, insurance, transportation, urban planning, and other industries.

Accepted abstracts will be asked to deliver a **13-minute presentation**, including Q&A, as part of the conference program. For the virtual conference, presentations will be live through the virtual portal. You will need access to Wi-Fi and a computer with microphone and camera. A technical check will be performed in the weeks prior to the conference. Following the conference, the presentation will be posted on Ken Kennedy Institute's YouTube channel, and a PDF copy of the slides can be shared on the conference web page.

All technical talks will be live-streamed and recorded. Please do not submit an abstract for a talk if you are uncomfortable sharing your work with our virtual audience. Presenters will need to sign a Media Release Form.

Please use the following guidelines when preparing your extended abstract submission:

- One page (not including graphics, bio, and references as needed).
- Extended abstracts should contain: title, list of all author(s) with identifying and contact information, short abstract (not to exceed 350 words), up to 5 keywords, followed by short sections covering: **(1) Motivation, (2) Hypothesis, (3) Methods and Results, and (4) Conclusion**. Please review the abstract template.
- Extended abstracts must be uploaded as a PDF in EasyChair. The short abstract and the keywords from your extended abstract must also be pasted into the appropriate text box in the web submission form.
- This year we are asking authors to categorize abstracts into one of four different tracks: **1) AI for Good, 2) Algorithms, Foundations, Visualizations, and Engineering Applications, 3) Business Impact/Industry, and 4) Healthcare.**
- We are also accepting posters from academic researchers, such as students and post-docs. To submit presentation proposals, go to ai-datascience.rice.edu.

Note 1) This conference will consider and can accept abstracts for work that have previously been presented. **Note 2)** Presentation proposals that appear to the program committee as "marketing" will be rejected. Abstracts with a strong and compelling customer use-case with the focus on the innovation knowledge discovery enabled by the solution more than the product can be considered. Vendors interested in engaging are also encouraged to explore sponsorship.

IMPORTANT DATES:

Sept 3, 2021: Abstracts Due
Sept 7, 2021: Registration Opens
Sept 15, 2021: Abstract Notification
Oct 6, 2021: Posters Due
Oct 13, 2021: Poster Recordings Due
Oct 25-27, 2021: Conference

CONFERENCE CHAIR:

Angela Wilkins, Ken Kennedy Institute, Rice University

CONFERENCE COMMITTEE:

Denis Akhiyarov, Total
Natalie Berestovsky, Bill.com
Licong Cui, UTHealth
Scott Ferguson, New Era Technology
Luca Giancardo, UTHealth
Max Grossman, Cruise
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Rachel Shaffer, Chevron
Julianna Toms, Halliburton
Tamas Toth, ExxonMobil
Eric Venner, Human Genome Center, Baylor College of Medicine
Jim Ward, Two Sigma
Yan Xu, PROS
Cheng Zhan, Microsoft
W. Jim Zheng, UTHealth

VENUE:

Virtual

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