

## KEN KENNEDY INSTITUTE DATA SCIENCE CONFERENCE



You are invited to prepare an extended abstract for presentation at the 4<sup>th</sup> Annual 2020 Ken Kennedy Institute Virtual 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). This year's virtual conference will have an online venue for networking, collaborating, and building partnerships focused around data science, machine learning, and data engineering problems and opportunities.

The Ken Kennedy Institute 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 14-minute presentation, including Q&A, as part of the conference program. For the virtual conference, presentations will be live through the app 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 will be shared on the conference web page. Please note, the extended abstract guidelines have changed this year.

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 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) COVID-19, 2) Healthcare, 3) Business Impact/Industry, and 4) Algorithms, Visualizations, and Foundations**
- To submit presentation proposals, go to <http://dsconference.rice.edu>.
  - **NOTE:** We are also accepting posters from academic researchers, such as students and post-docs.

**Note 1:** This conference will consider and can accept abstracts for work that has 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.

Please share the call for participation with anyone that you think might be interested in submitting an extended abstract and/or attending the 4<sup>th</sup> Annual Ken Kennedy Institute Data Science Conference at Rice University.

### IMPORTANT DATES:

**Aug 31, 2020 Abstracts Due**  
 Sep 7, 2020 Registration Opens  
**Sep 21, 2020 Abstract Notification**  
 Oct 12, 2020 Posters Due  
 Oct 16, 2020 Pre-Recorded Talk Due  
**October 26-28, 2020 Conference**

### CONFERENCE CHAIR:

Angela Wilkins, Ken Kennedy Institute,  
Rice University

### TRACK CHAIRS:

Roy Keyes, Houston DS Group  
 Rodney Samaco, Baylor College of  
Medicine  
 Eric Venner, Human Genome Center,  
Baylor College of Medicine

### CONFERENCE COMMITTEE:

Denis Akhilarov, Total  
 Natalie Berestovsky, Bill.com  
 Keith Cooper, Rice University  
 Licong Cui, UTHealth  
 Scott Ferguson, HEDS Meetup  
 Luca Giancardo, UTHealth  
 Max Grossman, NAG  
 Giewee Hammond, Aramco Services  
 Xiaoqian Jiang, UTHealth  
 Zhandong Liu, Baylor College of  
Medicine  
 Scott Morton, Rice University  
 Risa Myers, Rice University  
 Jan E. Odegard, The Ion  
 Liliia Reddy, Chevron  
 Craig Rusin, Baylor College of Medicine  
 Akane Sano, Rice University  
 Santiago Segarra, Rice University  
 Rachel Shaffer, Chevron  
 Julianna Toms, BP  
 Tamas Toth, ExxonMobil  
 Jim Ward, Two Sigma  
 Yan Xu, Houston ML Meetup  
 Cheng Zhan, Microsoft  
 W. Jim Zheng, UTHealth

### VENUE:

Virtual Conference

### CONTACT:

For general questions and sponsorship, please contact [kenkenedy@rice.edu](mailto:kenkenedy@rice.edu).