

ICAIF'21 Tutorials: Call for Proposals

ACM ICAIF'21 follows on a successful 2020 event hosted virtually in October 2020, with over 950 participants. ICAIF'21 is an ACM conference organized in collaboration with Oxford University and the Turing Institute.

ICAIF organizing committee invites proposals for ICAIF Tutorials covering emerging topics in AI in Finance. We invite participation from academia, government, regulatory agencies, financial institutions, NGOs and other stakeholders in the AI and Finance community. We particularly encourage proposals from women and individuals from underrepresented minorities.

ICAIF Tutorials are aimed to tackle emerging topics, explore industry-wide challenges, strategic opportunities, novel tools and techniques, as well as starting industry-wide conversations.

ICAIF 2021 Conference will be held virtually between **Nov 3 - Nov 5, 2021**

ICAIF Workshops will be held virtually on **Nov 3, 2021**

Important Dates:

1. Tutorial Application Deadline: June 7, 2021
2. Tutorial Acceptance Notification: June 30, 2021
3. Tutorial Date: Nov 3, 2021 Wednesday

Duration

ICAIF tutorials will be scheduled for half day (3 hours and 30 minutes, including a 30-minute break) or quarter-day (1 hour, 45 minutes).

Topics

ICAIF'21 encourages tutorials covering a diverse range of topics in AI in financial services

- AI & ML techniques for simulation of markets, economies, and other financial systems
- Regulations and regulatory system design for AI in finance
- Validation and calibration of multi-agent systems in finance
- AI in Finance application areas such as Risk and Compliance
- Computational game-theoretic analysis of financial scenarios
- Ethics and fairness of AI & ML in Finance
- Explainability, interpretability and trustworthiness of AI & ML systems used in Finance
- Infrastructure to support AI & ML research in Finance
- Robustness, security, and privacy of AI & ML systems in Finance
- Synthetic Data and benchmarks for AI & ML pipelines for financial applications

Submission Requirements

The proposals should be 2-3 pages long and include the following items:

(1) Title and Goals

Describe the specific topic(s) the tutorial will focus on. Only the tutorials on AI in financial services will be considered. Please provide a discussion on why the topic is of importance for AI in finance. If applicable, please include discussion on prior tutorials in the area.

(2) Organizers/ Speakers

Brief biographies for the organizers including name, affiliation, contact information, relevant experience/expertise.

(3) Goals and Prerequisites

Please clearly identify the goals of the tutorial including the target audience, tying to the discussion on motivation and need for a tutorial on the proposed topic. Identify the prerequisites for the tutorial. Please highlight prior similar tutorials (if any) in different venues including but not limited to audience size, any evaluation/feedback info.

(4) Size

Please provide an estimate of the number of participants.

(5) Tutorial Content

Provide a detailed outline of the tutorial, including the flow, specific topics/subtopics to be discussed, tentative detailed schedule including breaks etc.

(6) Supplementary Documents

CVs of the presenters including relevant experience, publications, prior tutorials etc. Provide supplemental materials as needed such as link to references, survey articles, prior presentations/slides, links to prior tutorial videos

Organization

ICAIF tutorials will be run by the organizing committees independently, in coordination with the ICAIF organizing committee (as well as Program and Steering Committees as applicable).

(1) Proposal Evaluations:

All ICAIF workshop and tutorial proposals will be evaluated by a committee of experts from AI in Finance, consisting of industry, academia and government contacts. The Program Committee for ICAIF tutorial proposals will be announced on the ICAIF website. The review process will conclude and the accepted events will be announced on June 30, 2021.

(2) Call for Papers/Call for Participation:

Tutorial organizers will be responsible for creating and publicizing a Call for Papers/Call for Participation for their respective events.

Call for submissions deadlines are required to be aligned with the dates and deadlines specified by the ICAIF Committees, as specified above.

(3) Tutorial Website

ICAIF Tutorials are required to maintain their own event websites including the supplemental materials used for the tutorials.

(4) Quality and Content Criteria

ICAIF tutorials are expected to meet the quality and content standards of the main conference. The topics should be broadly within the field of AI in finance. Tutorials on topics outside of the scope will not be considered.

(5) Platform Support

ICAIF'21 conference will be held virtually through a virtual conference platform.

ICAIF will provide access and logistic support to the virtual conference platform for the tutorials.

All tutorial speakers and organizers are expected to attend required training or set up meetings provided by the ICAIF organization, prior to the tutorial itself.

(6) Dates and Schedule

Tutorial dates as well as the start/end times will be determined by the ICAIF organizing committee.

However, the tutorial organizers are responsible for the program, including but not limited to the detailed schedule of the event itself. The program and other information should be included on the tutorial website.

*ICAIF reserves the right to drop any workshop or tutorial if the organizers miss the above deadline, requirements or if there is insufficient participation

Submission

Workshop and Tutorial proposals should be electronically submitted to the link below no later than May 29, 2021 in PDF format.

Workshop and Tutorial submission notifications will be announced by June 30, 2021.

Workshop and Tutorial related questions should be directed to: ai.finance.acm@gmail.com