

# CALL FOR PAPERS



## ACM Journal of Digital Threats: Research and Practice (DTRAP)

### Special Issue on Fake News Research

#### Guest editors

Reza Zafarani, Syracuse University  
Huan Liu, Arizona State University  
Vir V. Phoha, Syracuse University  
Javad Azimi, Facebook

Fake news, especially on social media, is now viewed as one of the main digital threats to democracy, journalism, and freedom of expression. Our economies are not immune to the spread of fake news either, with fake news being connected to stock market fluctuations and massive trades. The goal of this special issue is to promote exchange of research and studies that (1) aim to understand and characterize fake news and its patterns and how it can be differentiated from other similar concepts such as false/satire news, misinformation, disinformation, among others, which helps deepen our understanding of fake news; and (2) systematically detect fake news by determining its credibility, verifying its facts, assessing its style, or determining its propagation. To facilitate further research in fake news, this special issue especially welcomes research articles, new open access datasets, repositories, and benchmarks for fake news research, broadening research on fake news detection and its development.

**Topics** - The topics of interest of this special issue include but are not limited to:

- Patterns of Fake News
  - Internet measurements on Fake News
  - User behavior analysis with respect to Fake News
  - Patterns of Fake News Distribution/Consumption/Response
  - Tracing and characterizing the propagation of fake news and true news
- Fake News Detection
  - Supervised Fake News Detection
  - Semi-Supervised Fake News Detection
  - Unsupervised Fake News Detection
  - Early Detection of Fake News
  - Deep Nets for Fake News Detection
  - Representation for Fake News
- Mining of News Content
  - Text Mining of News Content
  - Analysis of Images, Videos, and Audio
- Fake Checking
  - Knowledge-based (e.g., Knowledge-graphs) analysis
  - Analyzing News Credibility/Credibility Assessment
  - Analyzing Source Credibility
- Malicious Entity Detection
  - Bot detection
- Fake News Benchmarks
- Fake News Datasets
- Fake News Open Repositories

#### Important dates and timeline:

Initial submission:	Dec 1, 2019
First review:	Mar 1, 2020
Revised manuscripts:	May 1, 2020
Second review:	July 1, 2019
Source Files Due:	Aug 1, 2020
Publication:	Sep 2020

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**Expected contributions** - We welcome two types of research contributions:

- Research manuscripts reporting novel methodologies and results (up to 25 pages)
- Benchmark, Datasets, Repositories, and Demonstration Systems that enable further research and facilitate research on fake news. These papers should be of interest to the broad fake news research community (10 pages + links to such systems)
- To submit to this special issue, please select “Fake News Research” as paper type

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