

ARTIFICIAL INTELLIGENCE IN GOVERNMENT AND PUBLIC SECTOR

AI is becoming ubiquitous, emerging from specialized niches to broad utility across societal, governmental, and public sector applications. However, AI in Government at the federal, state, and local levels, and related education and public health institutions (hereafter referred to as Public Sector) faces its own unique challenges. AI systems in the public sector will be held to a high standard since they must operate in support of the public good. These systems will face increased scrutiny and stringent requirements for ethical operation, accountability, transparency, fairness, security, explainability, cost-effectiveness, policy, regulatory compliance, and operation without unintended consequences. We invite thoughtful contributions, either through technical or practice papers, speakers, panel proposals, that present novel technical approaches to meeting these requirements or lessons learned from current implementations.

Technical papers that advance the state-of-the-art on applying AI in public sector applications. Papers should describe innovative approaches addressing the problems of building applications that meet the challenges described above, including trust and transparency, bias and fairness, verification and validation, privacy and safety, robustness and resiliency, accountability and responsibility, interaction and teaming paradigms, human-machine learning, AI open-source innovation, AI for accelerating discovery.

Practice papers that describe, demonstrate, analyze, or evaluate current or potential uses of AI in the public sector, including successful transitions, engineering best practices, challenges and lessons learned, systematic approaches and methodologies, translating from .com to .gov, early areas of adoption (early adopters), role of public/private partnership, encourage public service innovation, cultivating AI literacy, incentivizing and acquisition.

Panel proposals that address a larger area of interest from various perspectives. The submission must provide a description of the topic and a list of panelists with a summary of their viewpoint on the topic.

The symposium will include presentations of accepted papers in oral, poster and panel discussion formats, together with invited speakers and demonstrations. Potential symposium participants are invited to submit either a full-length technical paper or a short position paper for discussion using AAAI format (<http://www.aaai.org/Publications/Templates/AuthorKit21.zip>). Full-length papers must be no longer than eight (8) pages, including references and figures and are required for those submitting technical papers as described above. Short submissions can be up to four (4) pages in length and can be used for practice papers as described above, work in progress, system demonstrations, or panel discussions.

Submissions

Submit by August 6, via the AAAI EasyChair.org site (<https://easychair.org/conferences/?conf=fss21>) choosing the AAAI/FSS-21 Artificial Intelligence in Government and Public Sector track.

Organizing Committee

Erik Blasch (USAF) Co-chair, Mihai Boicu (GMU) Co-chair

Nathaniel D. Bastian (USMA), Lashon Booker (MITRE), Michael Garris (MITRE), Mark Greaves (PNNL),

Michael Majurski (NIST), Kathy McNeill (DoL), Tien Pham (ARL), Alun Preece (Cardiff University),

Ali Raz (GMU), Peter Santhanam (IBM), Jim Spohrer, Frank Stein, Utpal Mangla (IBM)

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