

IEEE AI Coalition Collaborative Opportunities

Christine Miyachi, Chair – IEEE Future Directions Committee TAB Presidents' Forum 16 February 2024





Advancing Technology for Humanity

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AI Coalition

"An alliance for combined action"

Classify and index AI work across IEEE into one area, and identify any missing gaps

Review how IEEE can use AI to enhance our services

Leadership team formed and held four meetings

Forming steering committee, with inperson meeting in Orlando

Create schedule and plan for larger workshop in Boston, spring of 2024

Present at Presidents' Forum, 16 February 2024

16 February 2024

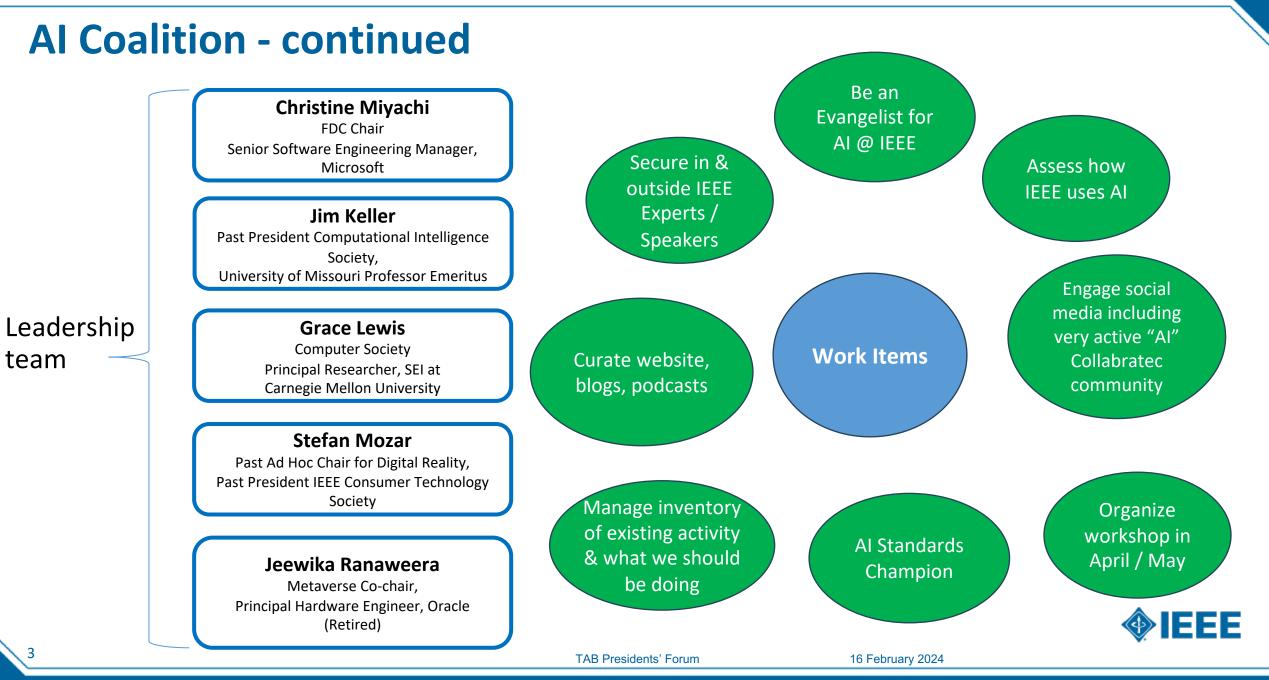
Initial List of Key Areas (preliminary):

- Machine Learning
- Deep Learning
- Robotic / Process Automation (RPA)
- NLP (Natural Language Processing), LLM (Large Language Models)
- Al Hardware
- Robotic Hardware
- Algorithms
- Data
- Digital / Cognitive Twins
- Image / Signal Understanding and Recognition
- AI Ethics
- AI Accuracy and Trust
- Standards in Al
- Al in:
 - Space, non-terrestrial AI
 - Healthcare
 - Retail
 - Manufacturing
 - Transportation
 Finance





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AI Coalition - Call to Action

Add your Society's/Council's perspective to the coalition

- We encourage all IEEE Societies/Councils to nominate a representative
 - Please use the QR code to access our nomination form, or visit <u>https://forms.gle/WmyfuvmSNL5UsorR8</u>
- Activities:
 - Ensure your S/C's efforts are cataloged and included
 - Help the Coalition identify gaps in coverage by IEEE
 - Steer the development of possible new activities



Nominate an S/C representative

