

Congratulations, Journal of Space Operations & Communicator 20th Anniversary! In 2004, the SOSTC/AIAA and SpaceOps signed agreements to include joint sponsorship of the Space Operations Journal and Communicator. Trevor Sorensen and Paul John Douglas were the founding editors; Dave Welch succeeded them years later. Who has not been mentioned from the beginning JSOC operations is the publication's webmaster, Christine Chubenko.

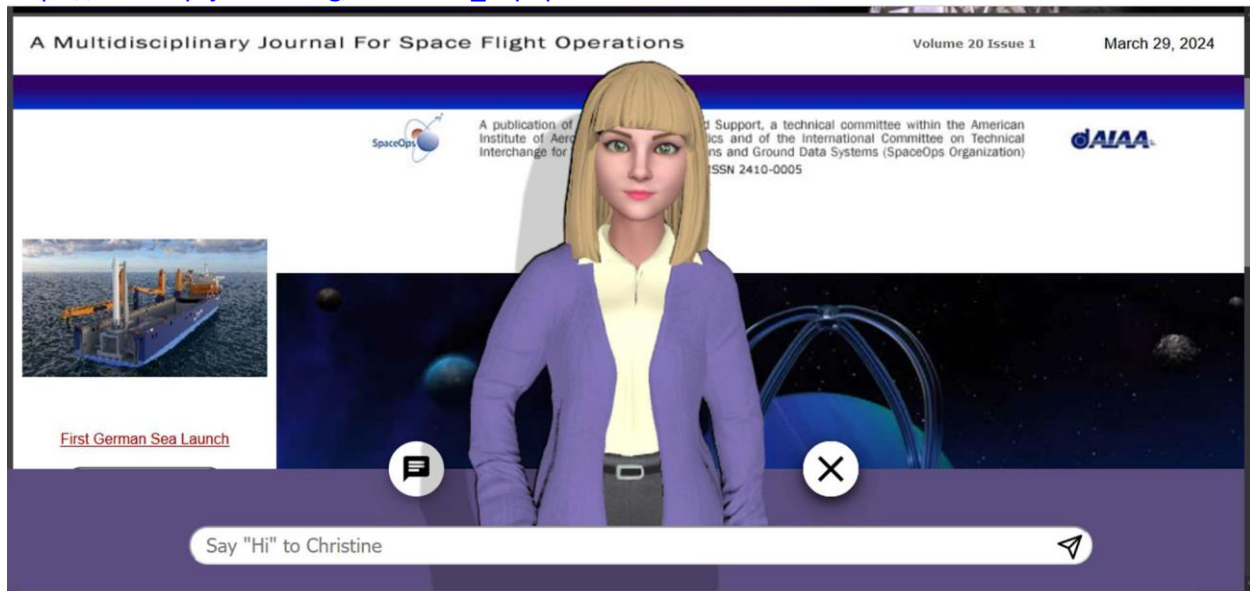
Shortly after 06-06-2006, Paul J. Douglas asked Christine if she'd be interested in taking on the task of creating a document publishing system. From that time on, Christine took over the Ops Journal project --- and she's been with us ever since. Congratulations, Christine for staying with us and keeping the Journal going. As Herr Editor Joachim Kerr remarked, "The 20th anniversary came as a surprise to me - such a long time and so many articles written. I really enjoyed working with you throughout the years and maneuvering all the cliffs, many times frustrating, that we encountered (Murphy's law proven many times over)." She earned the International SpaceOps Distinguished Service Medal for 2016. SpaceOps is the premier organization serving the space operations community.

Christine earned both her bachelor's and master's degrees in computer science, with a subspecialty in Artificial Intelligence - Digital Imaging, from Wayne State University. However, establishing a career in software engineering, there really was no opportunity to work in her chosen field AI until recently. Last year, she earned certification in Conversational Design and received a certificate in Prompt Engineering. Her current employment as a Conversation & Experience Engineer is with a company called CodeBaby, with whom from November of 2023 began co-hosting a podcast on strategies to reduce anxiety some in the general public experience about AI. Christine understands the concerns they have, but AI development is here to stay!

Founder of the Royal Oak, Michigan-based web development company What Webs We Weave LLC, she understands the importance of combining technical knowledge with creativity and artistry to optimize the benefits of today's web technology. Without further ado, I'd like to introduce you to Christine's latest project.

Just as Siri, Alexa and Google Assistant have become important aids in daily living for almost 70% of Americans, according to Christine "Chat GPT or Chat Generative Pre-Trained Transformer is a new type of language model that optimizes dialogs in a conversational way." By fine-tuning quick responses and the humanization of digital personas, avatars have been created with an interactive functionality that mimics talking to people. Special attention was given to the addition of Chat GPT which has further enhanced the experience. **Share The Experience!** An avatar affords the cover of Journal of Space Operations & Communicator) appears once you click on the weblink

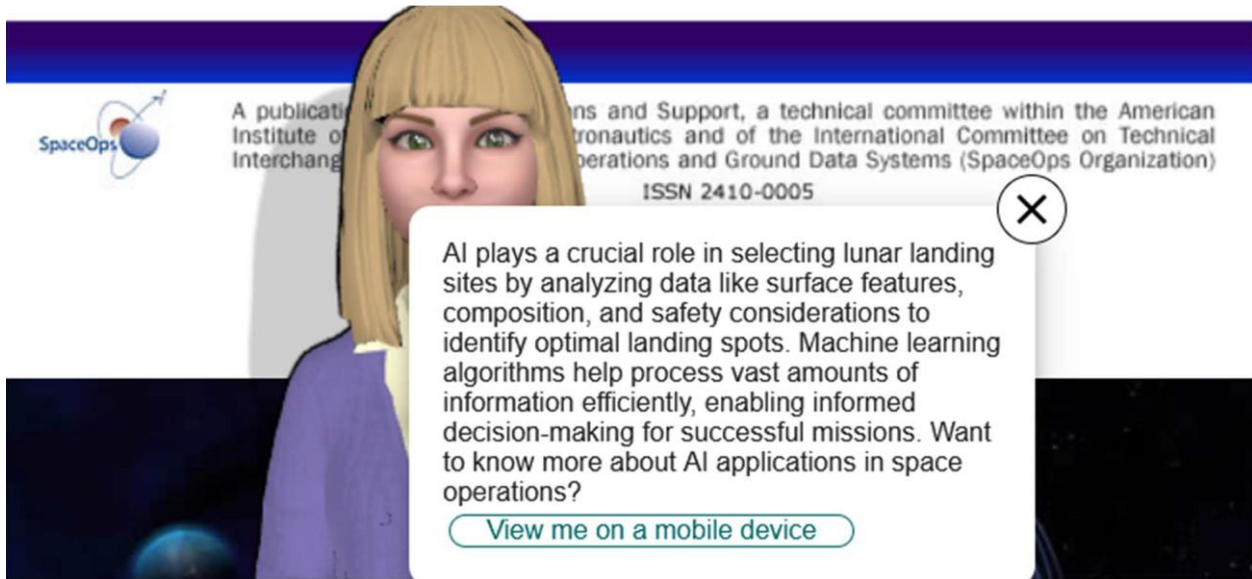
https://www.opsjournal.org/chubenko_ai.php.



Typing a greeting or a topic or a question will elicit a response both textual and vocal.



Within microseconds, this response appears.



So, Christine, Congratulations and Thanks for being a part of the Communicator Family!

Ronald H. Freeman, PhD
Editor-in-Chief, Journal of Space Operations & Communicator