

CONFERENCE LOCATION

Ullsvik Hall
University of Wisconsin-Platteville
1 University Plaza
Platteville WI 53818-3099

CONFERENCE REGISTRATION

Through the Continuing Education Institute

COST	BY JULY 14	JULY 15 AND AFTER
Student	\$35	\$45
K-12 Teacher	\$45	\$55
General	\$55	\$65

Online: http://bit.ly/uwp_space
By phone: 888.281.9472 or 608.342.1314



CONFERENCE ACCOMMODATIONS

Holiday Inn Express

55 S. Elm Street • Platteville WI 53818
608.342.2238
Rate: \$94

Country Inn & Suites

630 S. Water Street • Platteville WI 53818
608.348.7373
Rate: \$82

The block name is Wisconsin Space Conference.

HOST INSTITUTE CONTACT

FOR REGISTRATION

Continuing Education Institute

University of Wisconsin-Platteville
888.281.9472 or 608.342.1314
between the hours of 8 a.m.–4 p.m.

FOR OTHER INQUIRIES RELATED TO THE CONFERENCE

Katie Rabidoux, Ph.D.

Department of Engineering Physics
University of Wisconsin-Platteville
608.342.1406
rabidouxk@uwplatt.edu

The Wisconsin Space Grant Consortium is a joint effort between NASA and organizations statewide. WSGC is dedicated to helping provide Wisconsin students, researchers, educators, businesses, not-for-profit organizations and other stakeholders with the tools, connections, and resources needed to make the aerospace community in the state of Wisconsin thrive and grow.

WSGC AFFILIATE MEMBERS

Aerogel Technologies LLC	UW-Fox Valley Campus of
AIAA – Wisconsin Section	UW Oshkosh
Alverno College	UW-Green Bay
Biopharmaceutical Technology Center Institute	UW-Green Bay, Sheboygan Campus
Carroll University	UW-La Crosse
Carthage College	UW-Madison
College of Menominee Nation	UW-Milwaukee
Experimental Aircraft Association	UW-Milwaukee at Washington County
Fox Valley Technical College	UW Oshkosh
Lawrence University	UW-Parkside
Marquette University	UW-Platteville
Medical College of Wisconsin	UW-River Falls
Milwaukee School of Engineering	UW-Stevens Point
Moraine Park Technical College	UW-Stout
Ripon College	UW-Superior
St. Norbert College	UW-Whitewater
Sierra Nevada Corporation	Western Technical College
Space Assets LLC	Wisconsin Department of Public Instruction
Spaceport Sheboygan	Wisconsin Department of Transportation
	Wisconsin Lutheran College

CONSORTIUM OFFICE/LEAD INSTITUTION

Wisconsin Space Grant Consortium

Carthage College
2001 Alford Park Drive
Kenosha WI 53140

262.551.6054
spacegrant.carthage.edu
spacegrant@carthage.edu

WISCONSIN SPACE GRANT CONSORTIUM

29TH ANNUAL WISCONSIN SPACE CONFERENCE THURSDAY, AUG. 15, 2019

FUTURE OF SPACE FLIGHT



Hosted by the
University of
Wisconsin-Platteville

Photo credit: United Launch Alliance

SCHEDULE

7:30–8:15 a.m.	Registration, continental breakfast
8:15–8:30 a.m.	Welcome and introductions
8:30–9:15 a.m.	Plenary session
9:15–11 a.m.	Education session
11 a.m.–noon	Poster session, networking
Noon–12:45 p.m.	Lunch
12:45–1 p.m.	Group photo
1–3 p.m.	Education session
3–3:15 p.m.	Break
3:15–5 p.m.	Education sessions
5–5:30 p.m.	Award presentations, closing remarks
5:30–6:30 p.m.	Reception
6:30–8:25 p.m.	Dinner and plenary speaker
8:25–8:30 p.m.	Closing remarks

FUTURE OF SPACE FLIGHT



PLENARY SPEAKERS



ELSBETH MAGILTON

Elsbeth Magilton is the Executive Director of the Space, Cyber, and Telecommunications law programs at the University of Nebraska College of Law where she oversees program development and research. Her current focus areas include commercial space law and policy, and national security. Magilton is a licensed attorney in the state of Nebraska and member of the American Bar Association, including the ABA Air and Space Section. Magilton is a member of the American Society of International Law and serves as the Co-Chair for the Space Law Interest Group. She is a member of the National Women in Aerospace organization and hosts the U.S. State Department Visiting Leaders Program, focused on Women in STEM, Cybersecurity, and National Security annually. Magilton is the law college's principal investigator for projects serving the U.S. Strategic Command's University Affiliated Research Center—the only such center in the Department of Defense to include a law school in their research partnerships. In September 2018, Magilton was part of the team that received a major NASA Space Law grant to create a nationwide network of students, faculty, and practitioners interested in space law and policy.



BRIAN POMEROY

Dr. Brian Pomeroy has more than 13 years of experience in aerospace engineering, specializing in rocket combustion and propulsion technology. He received his undergraduate aerospace engineering degree from Penn State University and his graduate degree from Purdue University where he was a NDSEG fellow and research assistant. For his graduate work he developed optical and high-speed video observation tools, photodiode measurements, and Schlieren and Shadowgraph techniques to study combustion instability. In his current position at Sierra Nevada Corporation, Pomeroy supports SNC's propulsion programs as a senior technical lead. He has worked research and development programs for a number of different programs. Currently he is leading an effort to develop a propulsion technology that can help the government expand their capabilities while reducing cost. He has been involved with integrating new manufacturing techniques as well as prior research level technology to develop a novel propulsion system. Prior to joining SNC, Pomeroy worked as a senior engineer, analyst at Aerojet and Aerojet Rocketdyne, where he supported programs as a combustion device analyst. In this role he developed rocket injectors which would burn the propellants evenly in a distributed manor while keeping the rocket engine cool enough to not melt due to hot combustion temperatures. As an analyst he worked on parts of five different programs. Pomeroy is an active member of AIAA where he has written numerous papers, is the current Director of the Young Professional Group, participated on the Space Transportation Technical Committee, and served as the technical chair for two AIAA forums. He is an advocate for young professionals and enjoys mentoring young engineers. Outside of work Pomeroy is an avid outdoor enthusiast, an Eagle Scout, and active supporter of the Boy Scouts, triathlete, SCUBA certified, and an active pilot with over 500 hours of flight time.