

2025
International Conference for
Aviation
Museum
Professionals



May 12-14, 2025
Canada Aviation and Space Museum & Ingenium,
Ottawa, Canada

Host

| National Aviation Museum of Korea (NAMOK)

The National Aviation Museum of Korea is the first and leading national aviation museum in Korea. It opened on 5 July 2020 to commemorate the 100th anniversary of the Korean American Flight School, which opened its door on 5 July, 1920 in California, USA. The flight school was established for the Korean independence movement from Japan.

NAMOK, which encompasses 100 years of aviation history, is located at Gimpo International Airport, Korea's first international airport and one of the gateways to the nation's capital of Seoul. The museum features permanent exhibitions on aviation history, industry and life, covering the past, present and future of Korean aviation. In particular, 40 percent of the museum's total area is dedicated to experience and education spaces, creating a highly acclaimed environment for aviation content tailored to diverse audiences.

Although NAMOK is a very new museum, it has been showing remarkable international cooperation through ICOM-CIMUSET since its opening to learn, share, and exchange with other aviation museums around the world. We hosted the 2023 CIMUSET annual conference, and through its network, we launched the Network for Aviation Museums as CIMUSET's first official interest group in 2024 and prepared for this Canadian conference. NAMOK wants to play a leading role in the journey to a fun, interesting, and happy 'aviation museum' for not only the people of Korea but also many people around the world.

| Ingenium

Ingenium is a Crown corporation dedicated to fostering scientific and technological literacy throughout Canada. We maintain and develop Canada's national collection of scientific and technological objects and library collection (including books, historic photographs, and archival documents).

Ingenium operates three national museums in Ottawa: the Canada Agriculture and Food Museum, Canada Science and Technology Museum, and the Canada Aviation and Space Museum. Ingenium is home to Canada's national collection which showcases its unique history of scientific and technological ingenuity.

| Canada Aviation and Space Museum (CASM)

The Canada Aviation and Space Museum opened its doors to the public on October 25th, 1960. It is the largest aviation museum in Canada and plays an important role in leading aviation heritage networks and organizations in the country. The collection comprises around 8,500 objects, including over 130 aircraft representing the history of aviation in Canada from before the First World War to the Cold War and beyond. The many treasures of the collection include prototypes of the de Havilland Beaver and Twin Otter, the largest surviving pieces of the Avro Arrow, and rare airplanes that came to Canada as war trophies after the First World War. In recent years, the museum has developed several meaningful partnerships that have led to incredible opportunities to create engaging programs and exhibitions to be enjoyed by our visitors.

| ICOM-CIMUSET*

CIMUSET was founded since 1946 as a "Subject Group Committee" of ICOM for Science and Technology. In 1948 it was named the "Committee for Museums of Science and Technology", during ICOM first General Conference in Paris (28 June-03 July 1948). Its name of the committee is an acronym (in French) : C(omit  ) I(nternational) (des) MU(s  es) (de) S(ciences) E(t) (des) T(echniques).

CIMUSET carry out a programme of activities related to the preservation of the cultural heritage within science and technology and dissemination of knowledge within this field. Moreover, we provide a forum for communication, co-operation and information exchange between museums, professional workers and others concerned with preservation of the cultural heritage within science and technology and dissemination of knowledge of this field.

* International Committee for Museums and Collections of Science and Technology



Time	Program
08:00 – 08:30	Registration
08:30 – 09:00	[Opening] Greetings Introduction of the Network for Aviation Museums
09:00 – 10:30	[Session 1] Storytelling in Curatorial Practice / <i>presentation and workshop</i> Adina Langer (Kennesaw State University)
10:30 – 10:50	Coffee Break
10:50 – 12:15	[Session 2] Caring for Aircraft Sterling Gilliam (National Naval Aviation Museum) / <i>via Zoom</i> Kate Good (Intrepid Museum) Andreas Hempfer (Deutsches Museum) Questions and Discussion on Session 2
12:15 – 13:30	Lunch
12:15 – 15:00	[Senior Leadership Meeting] Lunch in the boardroom Agenda Discussion
13:30 – 14:45	[Workshop] Group 1. Tour of Cold War Exhibition Group 2. Moving Aircraft Workshop (weather dependent)
14:45 – 15:05	Coffee Break
15:05 – 16:15	[Workshop] Swap Group 1 / 2
17:00 – 19:00	Welcome Dinner hosted by Ingenium & CASM - CASM main floor

Session 1

Adina Langer

Senior Curator, Museum of History and Holocaust Education, Kennesaw University, USA

This workshop focuses on employing storytelling techniques to amplify and expand perspectives in museum narratives.

Participants will learn about recruiting community narrators, recording testimony, and selecting stories for multi-vocal museum experiences.

Langer will also present strategies for interpreting difficult histories - topics that involve traumatic

memories and/or evoke strong emotions - for wide audiences.

Attendees will hone skills by co-curating an exhibition centered on the B-29 Superfortress, the Boeing heavy bomber that dropped atomic bombs on Japan, killing over 150,000 people and ending World War II.

Session 2

Sterling Gilliam

Director, National Naval Aviation Museum, USA

Sterling Gilliam will discuss NNAM's collection strategy for macro-artifacts, restoration considerations, resourcing challenges, life-cycle considerations, and conservation strategies for both exterior and

interior display aircraft. He will also discuss the ever-shrinking industrial base of entities capable of vintage aircraft restoration.

Kate Good

Associate Curator of Aerospace, Intrepid Museum, USA

At the Intrepid Museum, most of the aircraft collection is displayed outdoors on the flight deck. The marine environment poses a real challenge to the preservation and care of the aircraft. This presentation discusses

some of the most frequent issues faced in maintaining the aircraft in such a unique environment and the solutions put in place to keep Intrepid's aircraft in the best possible condition.

Andreas Hempfer

Curator for Aviation until 1945, Deutsches Museum, Germany

Focused on conservation projects on iconic German warplanes such as the Fokker D.VII and Messerschmidt Bf-109 E-3 in the Deutsches Museum's collection, this presentation will explore and

demonstrate how the insights gained have shaped the interpretive strategy, restoration ethics, and educational content of our recent aviation displays.



Time	Program
09:00 – 10:30	[Session 3] Engaging with Audiences Rosie Cardiff (Science Museum London) Arianne Richeson (Ingenium / Canada Aviation and Space Museum) Meiju Pax (Finnish Aviation Museum) Questions and Discussion on Session 3
10:30 – 10:50	Coffee Break
10:50 – 12:30	[Session 4] Experiential Learning in Aviation Museum Arthur Bednar (Museum of Flight) Michelle McMahon (Wings Over the Rockies) Terry Michael Slobodian (Royal Aviation Museum of Western Canada) Dongun Gwon (National Aviation Museum of Korea) Questions and Discussion on Session 4
12:30 – 13:45	Lunch
13:45 – 15:00	[Workshop] Group 1. Reading Artifacts Group 2. Aerospace Experiences
15:00 – 15:20	Coffee Break
15:20 – 16:35	[Workshop] Swap Group 1 / 2
19:00 - 21:00	Welcome Dinner hosted by NAMOK - Korean Restaurant in Downtown Ottawa

Session 3

Rosie Cardiff

Head of Digital and Web, Science Museum London, UK

The Science Museum Group aims to engage audiences more deeply with the ideas, stories and people embodied in our collection. This presentation will demonstrate how we have used audience research - both on our websites and on social media - to better understand our audiences and provide richer and more relevant digital experiences. It will illustrate how telling narratives around our collection has driven web traffic and reached a global audience; and how SMG has implemented a strategy to increase its digital

reach and impact, delivering a new, video-led content strategy that aims to grow our YouTube audience by 2 million views.

Arianne Richeson

Officer, Marketing and Communications, Ingenium / CASM, Canada

From Hangars to Hashtags

Engaging a highly informed and passionate online aviation audience presents both incredible challenges and opportunities. This presentation explores strategies used at the Canada Aviation and Space Museum in Ottawa to captivate and grow online communities through social media. By leveraging tools such as user generated content, interactive

experiences, and audience participation challenges, we can foster deeper connections, encourage meaningful interactions, and strengthen relationships with aviation enthusiasts worldwide. Through successes and lessons learned, we will explore how the museum strives to keep content fresh, interactive, and relevant, ensuring our audience remains engaged, informed, and eager for more.

Meiju Pax

Exhibition Producer, Finnish Aviation Museum, Finland

This presentation will look at the ways in which the Finnish Aviation Museum engaged their audiences in

the development of the exhibitions planned for their new museum, scheduled to open in 2027.

Session 4

Arthur Bednar

Senior Program Manager, Museum of Flight, USA

Museums and science centers have always worked to create fun and inspirational programming for youth audiences. Through experiential engagement, learners are introduced to opportunities often unavailable in primary and secondary education settings. As we see an increasing focus throughout school systems on helping learners plan for their post-graduation opportunities, including to make career connections, museums and science centers have a unique opportunity to enhance their engagement by intentionally building learning experiences that harness the fun and excitement of museum education with the importance of career connected learning.

The Museum of Flight's education department, also known as the Boeing Academy for STEM Learning, leads one of the Museum's strategic goals of changing the lives of school-age learners, their local communities, and the workforce to which they will be prepared to contribute, and through our Education Continuum we strive to achieve this goal.

Michelle McMahon

Director of Education, Wings Over the Rockies, USA

Wings Over the Rockies is a diverse community organization dedicated to unlocking our visitors' dream of flight through exhibitions, events and educational programming. Each year we welcome approximately 160,000 visitors representing all 50 US states and 34 countries. Educational pathways for youth include Aerospace Exploration, Drone Pilot, Private Pilot, Summer Camp, and Aviation Scout Badge events. In

addition, Wings Over the Rockies works with area schools and community events to present programs and workshops to promote aerospace education and inspire the next generation of aviation and space enthusiasts.

Terry Michael Slobodian

President & CEO, Royal Aviation Museum of Western Canada, Canada

Aviation museums serve as exceptional centers for experiential learning, immersing visitors in the captivating history and science of flight through hands-on experiences. Each year, the Royal Aviation Museum of Western Canada engages 10,000 students with fourteen dynamic STEM-focused programs. This presentation will showcase these programs, including designing and testing model aircraft, exploring the

principles of flight dynamics, and understanding engineering concepts. Tailored to various age groups and aligned with school curriculums, the programs aim to inspire the next generation to pursue careers in aviation and aerospace.

Dongun Gwon

Senior Curator, National Aviation Museum of Korea, Korea

The National Aviation Museum of Korea's education programs aim to enable everyone, regardless of disability, age or gender, to experience aviation culture. This presentation introduces two types of education with accessibility. First, it presents education about drones and the future of aviation that can be enjoyed by all ages. Second, it presents a tailored education programs for people with disabilities to widen access to aviation culture. This presentation will focus on

the educational practices of NAMOK, which has been trying different things to develop new programs since it opened.

DAY 1

DAY 2

DAY 3

Time	Program
09:00 – 10:50	[Session 5] Access, Hazard Management, Storage Matthew Bruce / Skye Marshall (Ingenium) Steve Nichol (British Columbia Aviation Museum) Sodam Lee (National Aviation Museum of Korea) Andor Vince (Heritage Collections Care Consortium) / <i>via Zoom</i> Questions and Discussion on Session 5
10:50 – 11:10	Coffee Break
11:10 – 12:30	[Session 6] Digital Erin Napier / Sean Kearney / Al Mickeloff (Canadian Warplane Heritage Museum) Lauren DiVito (Ingenium) Witali Gerber (Bundeswehr Military History Museum, Berlin-Gatow Airfield) Questions and Discussion on Session 6
12:30 – 13:45	Lunch
13:45 – 14:45	[Workshop] Group 1. Tour of Ingenium Centre (collection storage facility) Group 2. Interactive conservation activities in the Conservation Lab
14:45 – 15:05	Coffee Break
15:05 – 16:05	[Workshop] Swap Group 1 / 2
16:05 – 17:05	[Closing] Reflections on the 2025 Conference Announcement of the Host Museum for the 2026 Conference

Session 5

Matthew Bruce / Skye Marshall

Conservator, Ingenium, Canada

Conservation staff at Ingenium - Canada's Museums of Science and Innovation - have developed a collections risk management program that addresses both physical and psychological hazards present within the national collections. Conservators Matt Bruce and Skye Marshall will present and discuss some of the approaches used to manage those hazards,

including hazardous material remediation and the implementation of trauma informed collections practices.

Steve Nichol

President, British Columbia Aviation Museum, Canada

This presentation will highlight the importance of preserving the Martin Mars, the world's largest - ever operational water bomber. Safely transporting and then preserving this aircraft presented unique

challenges that had to overcome. It also explores how balancing the conflicting priorities of granting access to the public for education and artifact conservation is possible using best practices.

Sodam Lee

Conservator, National Aviation Museum of Korea, Korea

This presentation introduces the condition survey system used at the National Aviation Museum of Korea to improve the preservation and management of aviation heritage. It covers the survey structure,

evaluation criteria, and prioritization of conservation efforts, highlighting practical applications. Through case studies, the session explores best practices and key challenges in maintaining aviation artifacts.

Andor Vince

Collections Care Adviser, Heritage Collections Care Consortium, New Zealand

Integrating Risk Management Framework in Collections Care: A Strategic Approach

This presentation explores how to integrate a risk management framework into collections care, highlighting its importance for the preservation of heritage assets. It differentiates between hazard management and risk management, stressing the

necessity of combining both approaches for effective strategic decision-making and planning in the care of collections. The presentation outlines actionable steps and practical tools for implementing a comprehensive risk management framework, aimed at ensuring the long-term preservation of heritage collections.

Session 6

Erin Napier

Curator
Canadian Warplane Heritage Museum, Canada

Sean Kearney

Education & Public Program Manager

Al Mickeloff

Marketing Manager

Modern digital tools can certainly enhance your visitors' experience. This presentation will explore how we ventured into the use of new technology, including

interactive exhibits, avatars, augmented reality, and virtual reality, as well as the process, the challenges, lessons learned, and the benefits.

Lauren DiVito

Manager of Digital Lab, Ingenium, Canada

The Ingenium Digital Innovation Lab is a collaborative hub for exploring innovative ways to improve access to museums spaces, collections, and experiences for all Canadians. Working with academia, start-ups, visitor-serving industries, and the accessibility community, the Lab explores how emerging technologies, and accessible design can create more inclusive experiences for its visitors, both on-site and online.

This talk will focus on 3D digitization of the Ingenium collection and its spaces. Through 3D, our museums can improve audience reach by removing geographic barriers to access, help with conservation and preservation efforts, and create engaging storytelling by bringing the artifacts to life through animation, augmented reality, and other mixed reality tools.

Witali Gerber

Research Fellow & Curator, Bundeswehr Military History Museum, Berlin-Gatow Airfield, Germany

In the context of the contemporary shift toward digitalization, aviation and military history museums around the world are increasingly adopting novel technologies to enrich interpretive strategies, expand public engagement, and preserve artifacts in digital

formats. Focusing on the evolving paradigms of digital integration within the museum sector – and with a special focus on challenges and prospects- this study examines how leading institutions in Europe leverage emerging digital tools and methods.



Network for Aviation Museums

CIMUSET's first Special Interest Group, the Network for Aviation Museums, aims to build practical and beneficial collaborative relationships between aviation museums around the world. Aviation museums refers museums with content and collection related with aerospace in its various senses: transport, science and technology, design, history, way of life itself, and so on.

The most important initiatives of the network are the practical training workshops and conferences for aviation museum professionals that we will be running from 2025 to 2028 and collaborative projects in the area of creating exhibition, developing educational program, managing collections, and etc between aviation museums.



| For more information

Contact: Khayoung Kim, coordinator of the network, NAMOK

Email: cimuset2023@gmail.com

2025
International Conference for
**Aviation
Museum**
Professionals

