



Celebrate the Past,
Prepare for the Future

Second NGAP Symposium

Next Generation of Aviation Professionals
ICAO Headquarters, Montréal
3 – 4 December 2014

DAY 1 – WEDNESDAY, 3 DECEMBER 2014

SESSION 1 Opening Remarks

09:30 – 10:30

Welcome Note

Nancy Graham, Director, Air Navigation Bureau (ANB), ICAO

Thomas Q. Carney, Ph.D., Professor of Aviation Technology, Purdue University,
NGAP Task Force Chairman

“One woman’s journey into space: inspiration for the next generation”

A conversation with **Julie Payette, OC, CQ**, former Astronaut CSA, Director Centre de Sciences de Montréal, Canada

10:30 – 11:00

Coffee Break – Exhibitor Demonstrations

Sponsored by: **United Arab Emirates**

SESSION 2 What are some of the challenges and best practices for attracting and retaining aviation professionals?

11:00 – 12:15

Moderator

Aysha Al Hameli, Representative of UAE to the Council of ICAO

Presentations

- **Mary Nelson**, Division Manager, FAA Academy, Airports & International Training, NGAP Implementation Working Group Chair, United States
- **Lori Brown**, Professor, Western Michigan University, College of Aviation, NGAP Outreach Working Group Chair, United States
- **Greg Hindson**, Development & Prospective ATM Department, École Nationale de l’Aviation Civile (ENAC), France
- **Sadamba Tchagbele**, Director of the École Africaine de la Météorologie et de l’Aviation Civile (EAMAC) of the Agence pour la Sécurité de la Navigation Aérienne (ASECNA), and President of the African Association of Training Organizations.

12:15 – 13:45

Lunch – Exhibitor Demonstrations

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DAY 1 – WEDNESDAY, 3 DECEMBER 2014 (continued)

SESSION 3 Why are competencies useful for aviation careers?

<p>13:45 – 15:15</p>	<p>Moderator Farid Zizi, <i>President of the Air Navigation Commission (ANC), ICAO</i></p> <p>Presentations</p> <ul style="list-style-type: none"> • Ashley Laurysen, <i>Training Strategies Manager, EUROCONTROL, NGAP Task Force Vice-Chairperson</i> • Jamie Patterson, <i>Director, Training and Maintenance Services, NAV CANADA & Marc LaCroix</i>, <i>Manager Technical Operations, Montréal, NAV CANADA</i> • Mary Anne Sievers, <i>Manager Training Strategy, Airways New Zealand</i> • Viktor Robeck, <i>Assistant Director, Training and Qualification, Safety and Flight Operations Division, IATA</i> • Kellie White, <i>Training Manager, Safety and Emergency Procedures, Emirates Airlines</i> 		
<p>15:15 – 15:45</p>	<p style="text-align: center;"><i>Coffee Break – Exhibitor Demonstrations</i></p> <div style="text-align: center;">  <p>Sponsored by:</p> </div>		
<p style="text-align: center;">Breakout for ATCO and ATSEP workshops <i>(2 concurrent sessions – registered workshop participants only)</i></p>			
<p>15:45 – 17:00</p>	<p>Speed Networking <i>NGAP Speed Networking is designed to accelerate initial contacts and quickly develop professional relationships. This activity provides a venue for the next generation of aviation professionals to meet and learn from experienced mentors from various fields of expertise.</i></p> <p>Who is this for <i>This activity is primarily for students and young professionals</i></p>	<p>ATCO Workshop: Lead Ashley Laurysen, <i>Training Strategies Manager, EUROCONTROL, NGAP Task Force Vice-Chairperson</i></p> <p>Support Mary-Anne Sievers, <i>Airways New Zealand</i> Colleen Allaby, <i>National Manager of Learning Quality, NAV CANADA</i></p>	<p>ATSEP Workshop: Lead Philippe Tichadelle-Jué, <i>Deputy Head of Department of Air Navigation Engineering and Sciences, ENAC, France</i></p> <p>Support Chris Cox, <i>Senior Engineer, Engineering Operations, NATS UK</i> Mary Nelson, <i>FAA Academy, United States</i></p>



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Welcome Reception – Exhibitor Demonstrations

17:30 – 19:30



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DAY 2 – THURSDAY, 4 DECEMBER 2014

SESSION 4 *How can Human Resources prepare the current and future generation to be successful?*

09:00 – 10:15

Moderator

James Dow, former Chief of Flight Training and Examinations at Transport Canada and former Member ANC, ICAO, Canada

Presentations

- **Nicole Desloges**, Pearson International Airport, VP People & Culture, Canada
- **Adel H. Alaufi**, Alternate Representative of Saudi Arabia to the Council and Member ANC, ICAO
- **Nathalie Herasme**, Commercial Management Officer of the Higher Academy of Aeronautical Sciences (ASCA), Dominican Republic
- **Daniel Ng**, Director (Aviation Industry Division), CAAS, Singapore
- **Eleonora Surina, Ph. D.**, Expert in Flight Safety and Human Factors, Volga-Dnepr Group, Russian Federation

10:15 – 10:45

Coffee Break – Exhibitor Demonstrations

Sponsored by:

SESSION 5 *How will we learn in the future?*

10:45 – 12:15

Moderator

Guy Smith, Ph.D., Associate Professor, Embry Riddle Aeronautical University, United States

Presentations

- **Sharon Cooke**, Head of Training, Airways New Zealand
- **Margaret Martin**, Director Operational Training, NAV CANADA
- **Suzanne Kearns, Ph.D.**, Associate Professor, The University of Western Ontario, Canada
- **Ruichun Lin**, Assistant Professor, Civil Aviation Flight University of China
- **Student Panelists** selected from Model ICAO Council participants



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AY 2 – THURSDAY, 4 DECEMBER 2014 (continued)

Lunch – Exhibitor Demonstrations

12:15 – 13:45

Sponsored by: ICAO

SESSION 6 *How to move from a strictly global view of NGAP, to a regional/national perspective?*

Proposal for the NGAP Index

13:45 – 14:45

- **William Agius, M.A., Deputy Head, Centre for Aviation, ZHAW Zurich University of Applied Sciences, Research Working Group Chair**
- **Sandro Covi, Research Assistant, School of Engineering, ZHAW Zurich University of Applied Sciences**
- **Manuel Walter, Research Assistant, School of Engineering, ZHAW Zurich University of Applied Sciences**

Coffee Break – Exhibitor Demonstrations

14:45 – 15:15

Sponsored by: Czech Air Navigation Institute

SESSION 7 *How to build a usable NGAP Index? - Roundtable Discussion*

Moderator

Ashley Laurysen, Training Strategies Manager, EUROCONTROL, NGAP task Force Vice-Chairperson

Presentations

15:15 – 16:15

- **Aysha Al Hameli, Representative of UAE to the Council of ICAO**
- **Charmaine Liu, Acting Head (Manpower Development), CAAS, Singapore**
- **Finlay Mungall, Sr. Financial Analyst, Federal Aviation Administration, United States**
- **William Agius, M.A., Deputy Head, Centre for Aviation, ZHAW Zurich University of Applied Sciences, Research Working Group Chair**
- **Nancy Graham, Director, Air Navigation Bureau (ANB), ICAO**



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SESSION 8 *Symposium Closing: Summary and Conclusions – Embarking on Phase II of NGAP*

16:15 – 16:30

Thomas Q. Carney, Ph.D., *Professor of Aviation Technology, Purdue University,
NGAP Task Force Chairman*

Nancy Graham, *Director, Air Navigation Bureau (ANB), ICAO*