ASE 28
Day 1, 20 September 2015


ASE 28, Day 1, 20 September 2015


ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



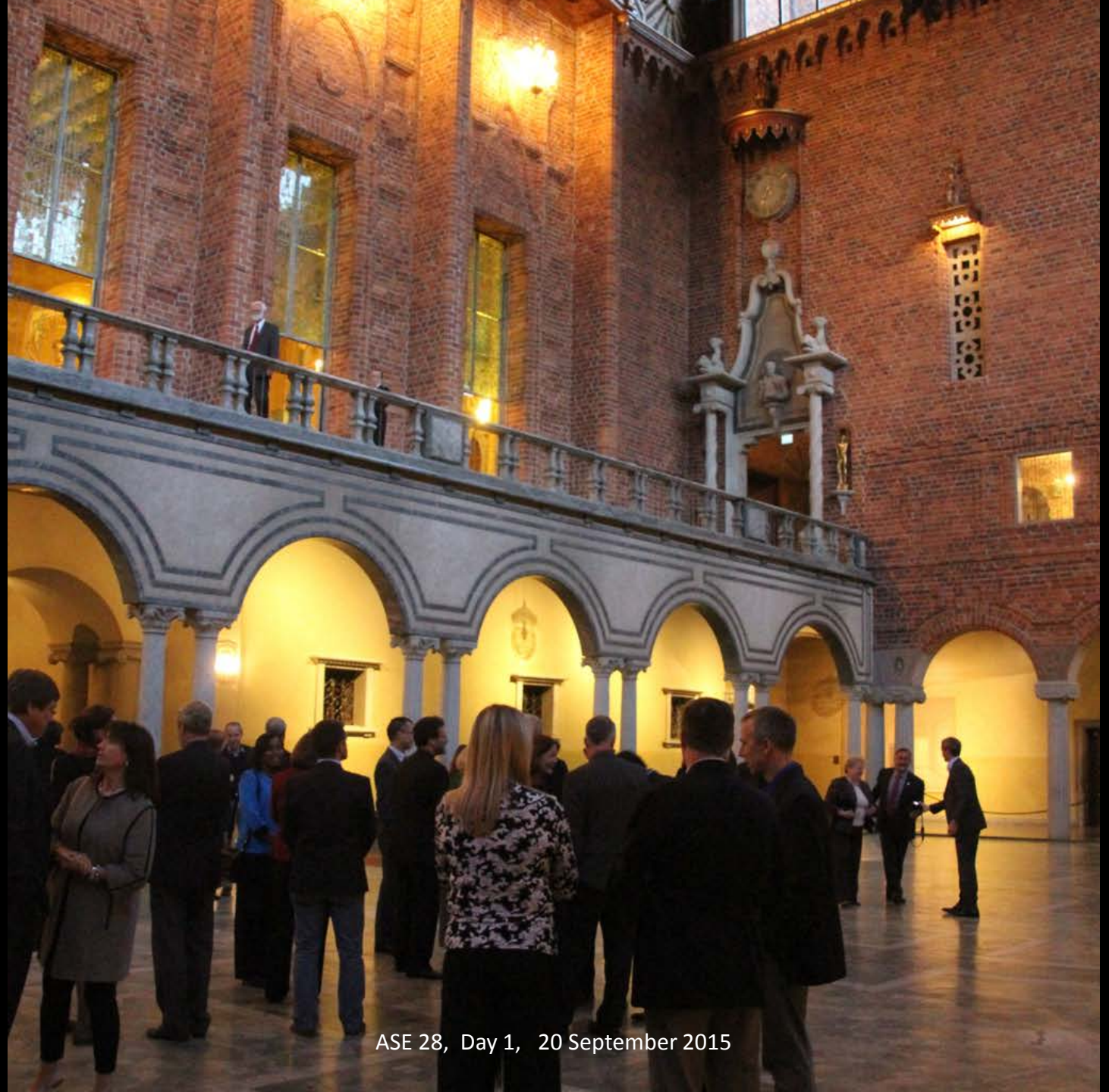
ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015





ASE 28, Day 1, 20 September 2015


CHRISTOFFER POLHEM
ESAIAS TEGNÉR



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015


ESAIAS
TEGNÉR



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015



ASE 28, Day 1, 20 September 2015

ASE 28

Day 2

September 21, 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015


RESERVED
RESERVED



ASE 28, Day2, 21 September 2015






KTH ROYAL INSTITUTE
OF TECHNOLOGY
KTH
VETENSKAP
OCH KONST


KTH ROYAL INSTITUTE
OF TECHNOLOGY



ASE 28, Day2, 21 September 2015


EXPEDITION XLV
THE SCIENCE CONTINUES



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


COUNTY ADMINISTRATIVE BOARD
KTH
RYMDSTYRELSEN
SAAB



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


KTH
VETENSKAP
OCH KONST


RYMDSTYRELSEN
Swedish National Space Board
SAAB
KTH







ASE 28, Day2, 21 September 2015


KTH ROYAL INSTITU
OF TECHNOLOGY
KTH
VETENSKAP
OCH KONST



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015





ASE 28, Day2, 21 September 2015


and cargo transport;
• extravehicular activities on the program of the AU and the PC;
• equipping the station;
• material and technical maintenance and repairs;
• inventory of the various equipment and cargo on board;
• medical measures to maintain the health and performance of the crew;
• onboard crew training for the implementation of responsible operations;
• the program of scientific and applied research;
• the activities of the public relations program.
KTH




200 days in space
futura
esa
KTH




ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015


INSPIRED BY SPACE
Association of Space Explorers
XXVIII Planetary Congress
20-27 September 2015, Sweden
COUNTY ADMINISTRATIVE BOARD
KTH
RYMDSTYRELSEN
SAAB


ADMINISTRATIVE
BOARD




20-27 September 2015, Sweden
COUNTY ADMINISTRATIVE BOARD
RYMDSTYRELSEN
SAAB


FILMSTADEN SERGEL



ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015




SSC


ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015





ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015



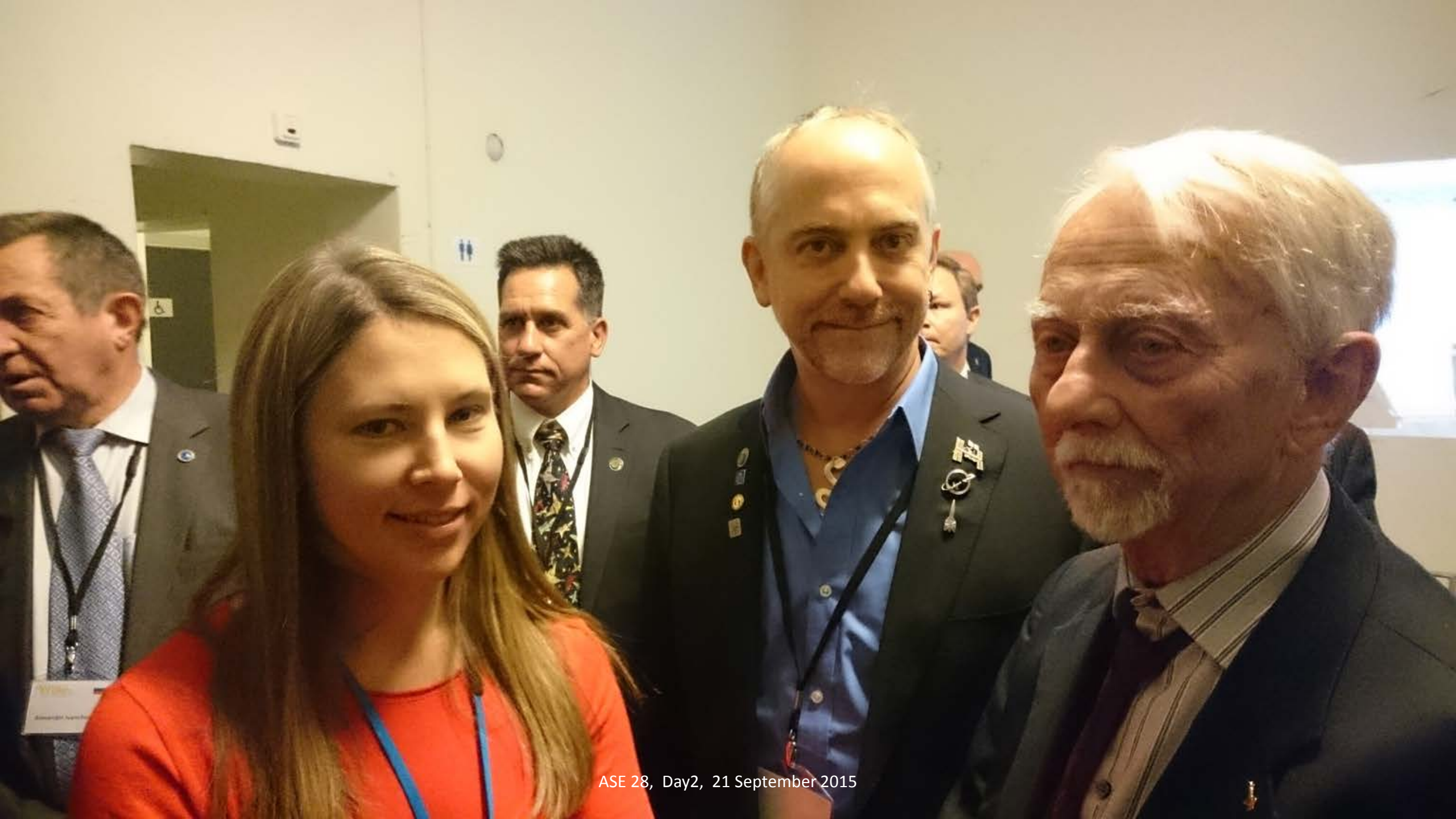
ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



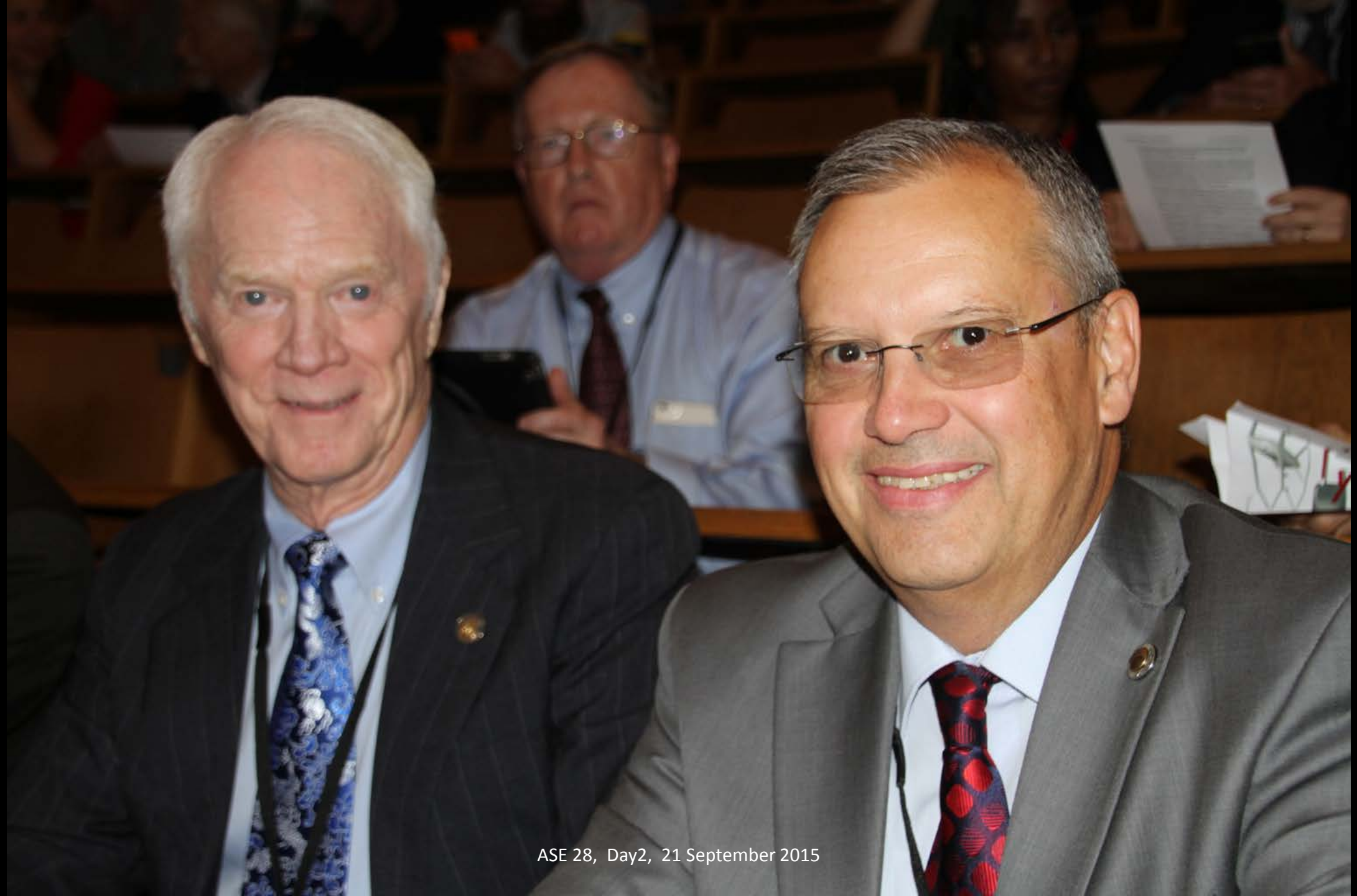
ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


Patrik Sundblad
Andrea Accomazzo
KTH
VETENSKAP
OCH KONST



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


KTH
VETENSKAP
OCH KONST



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


KTH
Confrence
KTH
VETENSKAP
OCH KONST
Highlight


ASE 28, Day2, 21 September 2015







ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015



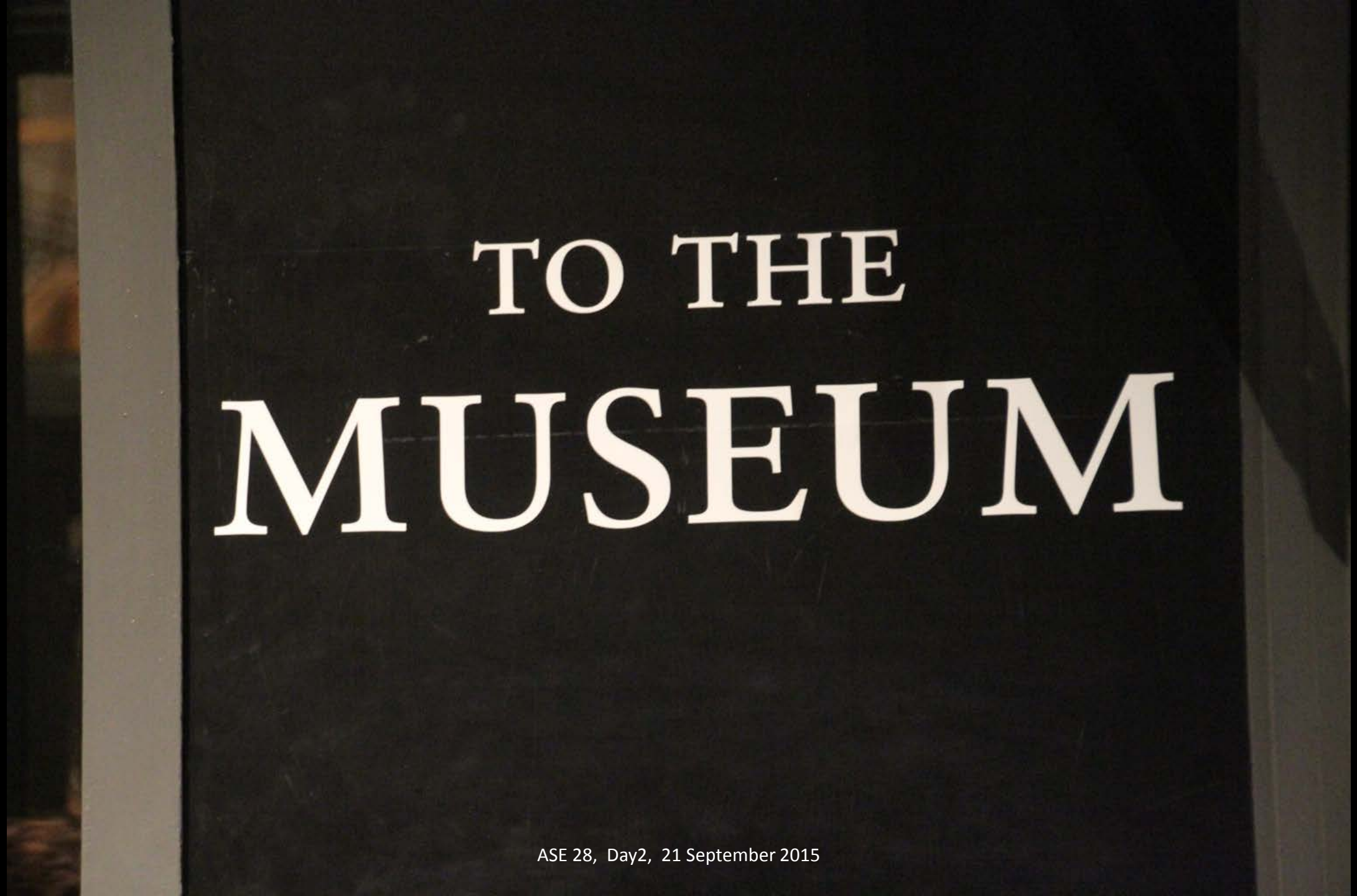
ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015




welcome you to this event.




TO THE
MUSEUM

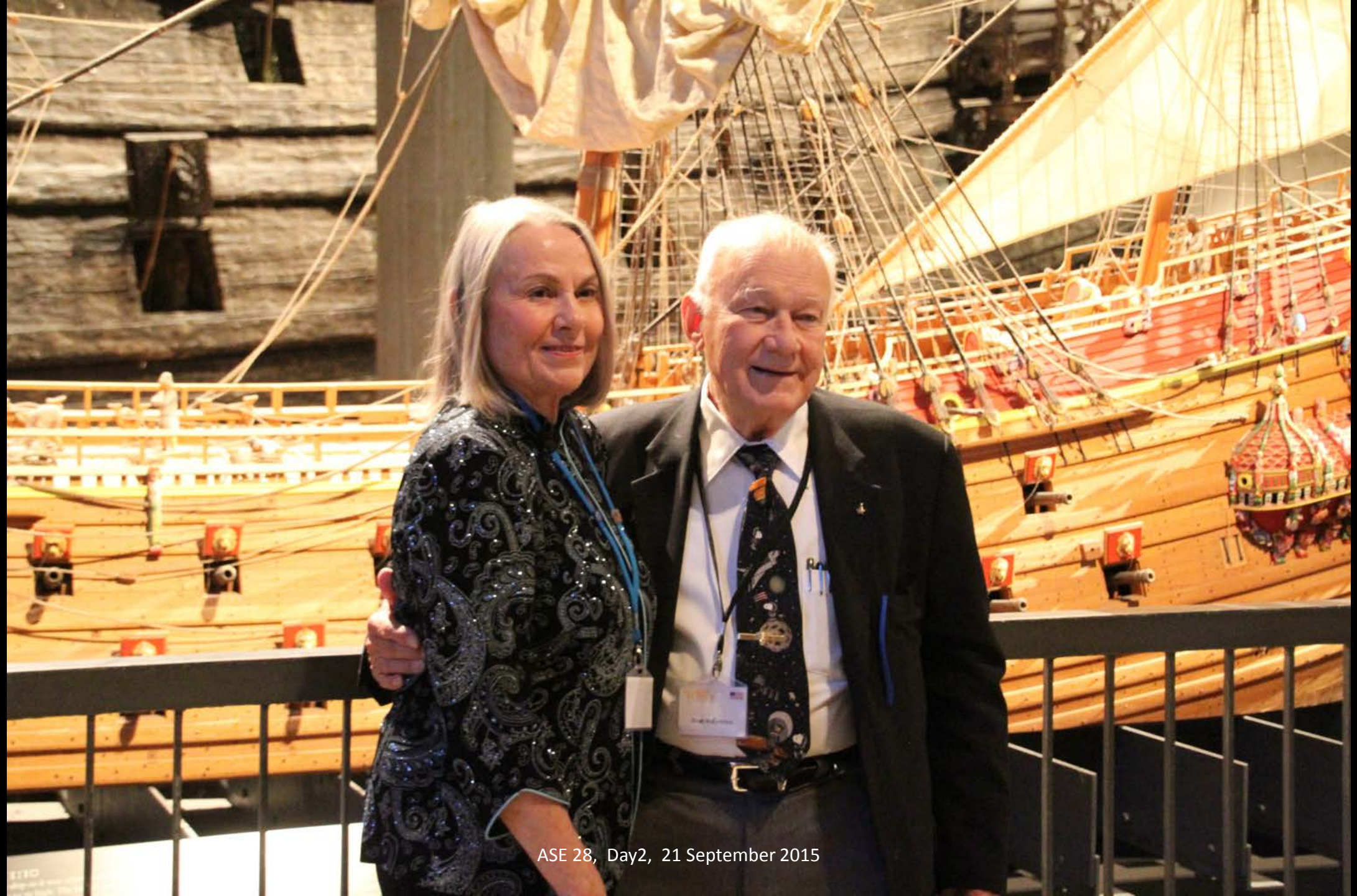




ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015





ASE 28, Day2, 21 September 2015







ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


SPACE
GUIDE


ETS TRÄD
MUSEUM GA
de små sångarna
somliga tunna ekebräde
Legitimate
SPACE
GUIDE
Approved by ASE



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015


Om Vasamuseets trädgård
About the Vasa Museum Garden
SPACE


S TRÄDGÅRD
SEUM GARDEN
å sångarna
a tunna ekebräden....
är också



ASE 28, Day2, 21 September 2015



ASE 28, Day2, 21 September 2015



ASE 18, Day2, 21 September 2015



ASE 28

Day 3

September 22, 2015


ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015


ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015


What we know about the Universe Today
Katherine Freese
Director of Nordita
Professor of Physics, Stockholm University
Professor of Physics, University of Michigan

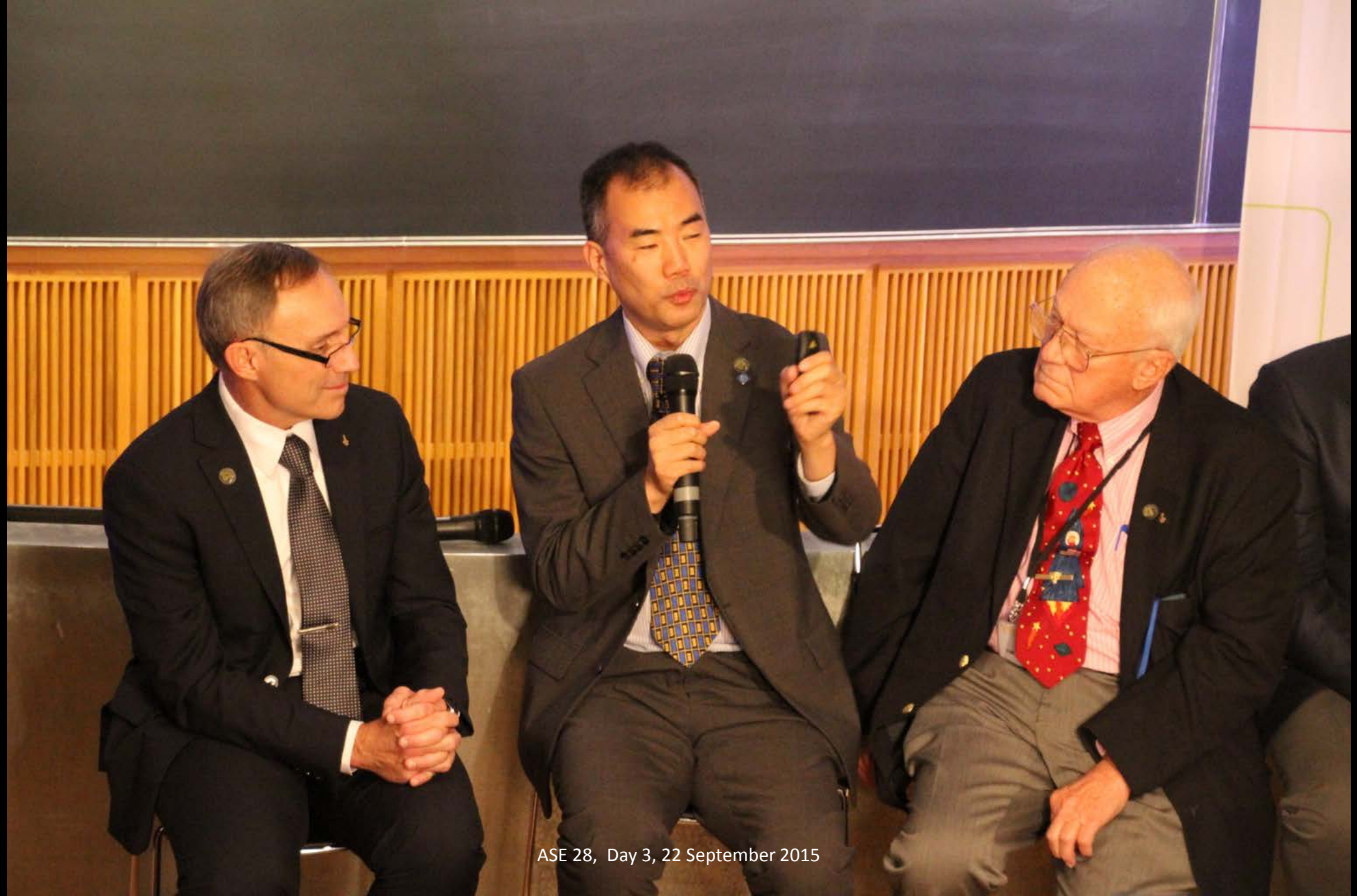

KTH
VETENSKAP
OCH KONST


KTH
VETENSKAP
OCH KONST
KTH ROYAL INSTITUTE
OF TECHNOLOGY



ASE 28, Day 3, 22 September 2015


ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015


Алексей Леонов
СССР



ASE 28, Day 3, 22 September 2015


ASE 28, Day 3, 22 September 2015


ASE 23 - Day 3, 22 September 2015





ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015


AEROSPACE
CLUSTER
SWEDEN
Anna Rehncrona
Head of Operations
Aerospace Cluster Sweden
AEROSPACE
CLUSTER
SWEDEN
INNOVATION
COLLABORATION
GROWTH
www.acs-aero.com


AEROSPACE
CLUSTER
SWEDEN
www.acs-aero
AEROSPACE
CLUSTER
SWEDEN
INNOVATION
COLLABORATION
GROWTH
www.acs-aero.com


ASE Luncheon
KTH Sept 22, 2015
AEROSPACE
CLUSTER
SWEDEN
www.acs-aero
AEROSPACE
CLUSTER
SWEDEN
INNOVATION
COLLABORATION
GROWTH
www.acs-aero.com
CybAero
increasing human safety


ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015


SSC
FOR PROSPEROUS SPACE PROJECTS



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015

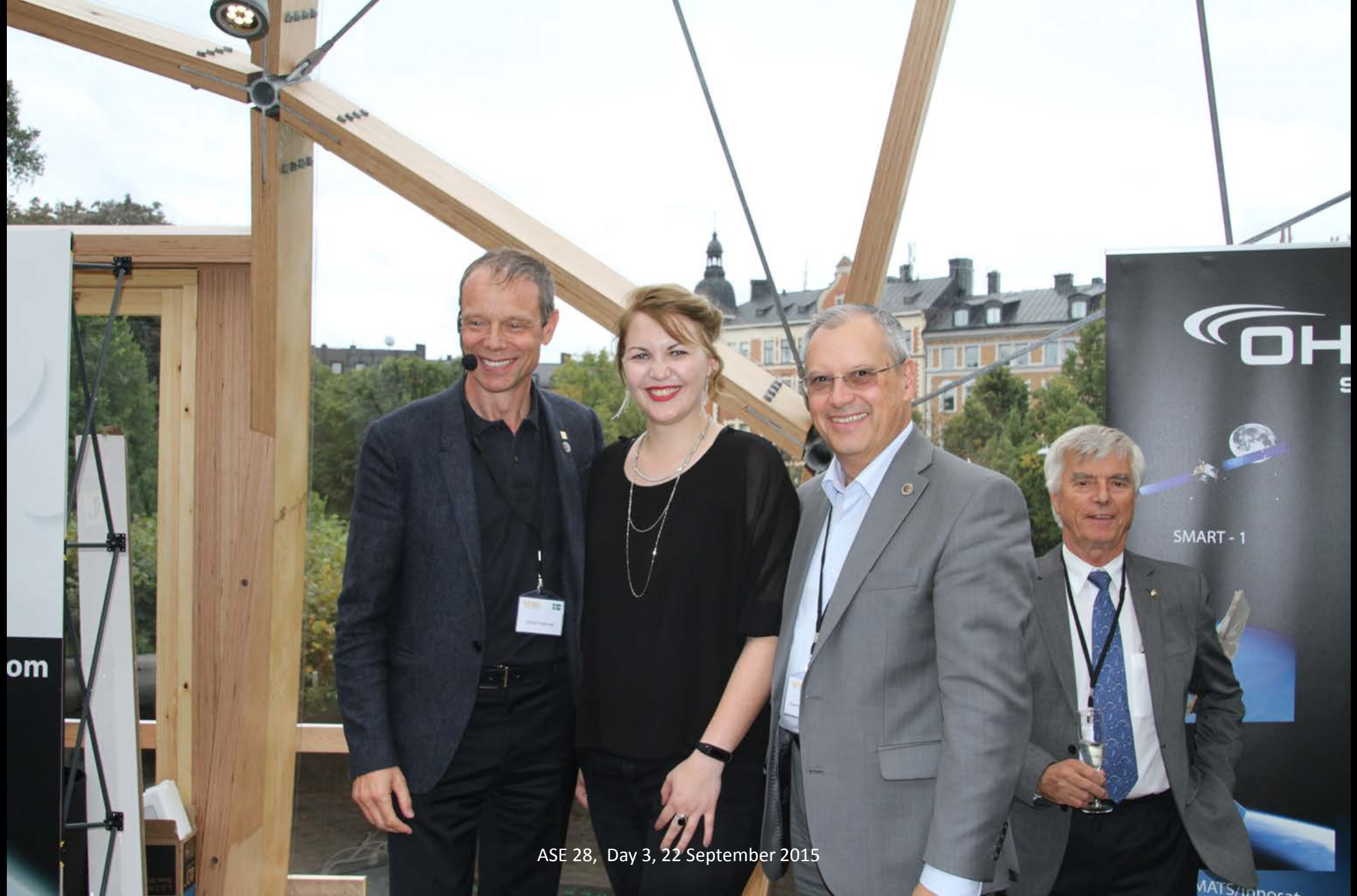


ASE 28, Day 3, 22 September 2015


ECTS
.com
SPACE
GUIDE


SPACE
GUIDE


com


SMART - 1


ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015


Low tem
electroni



ASE 28, Day 3, 22 September 2015

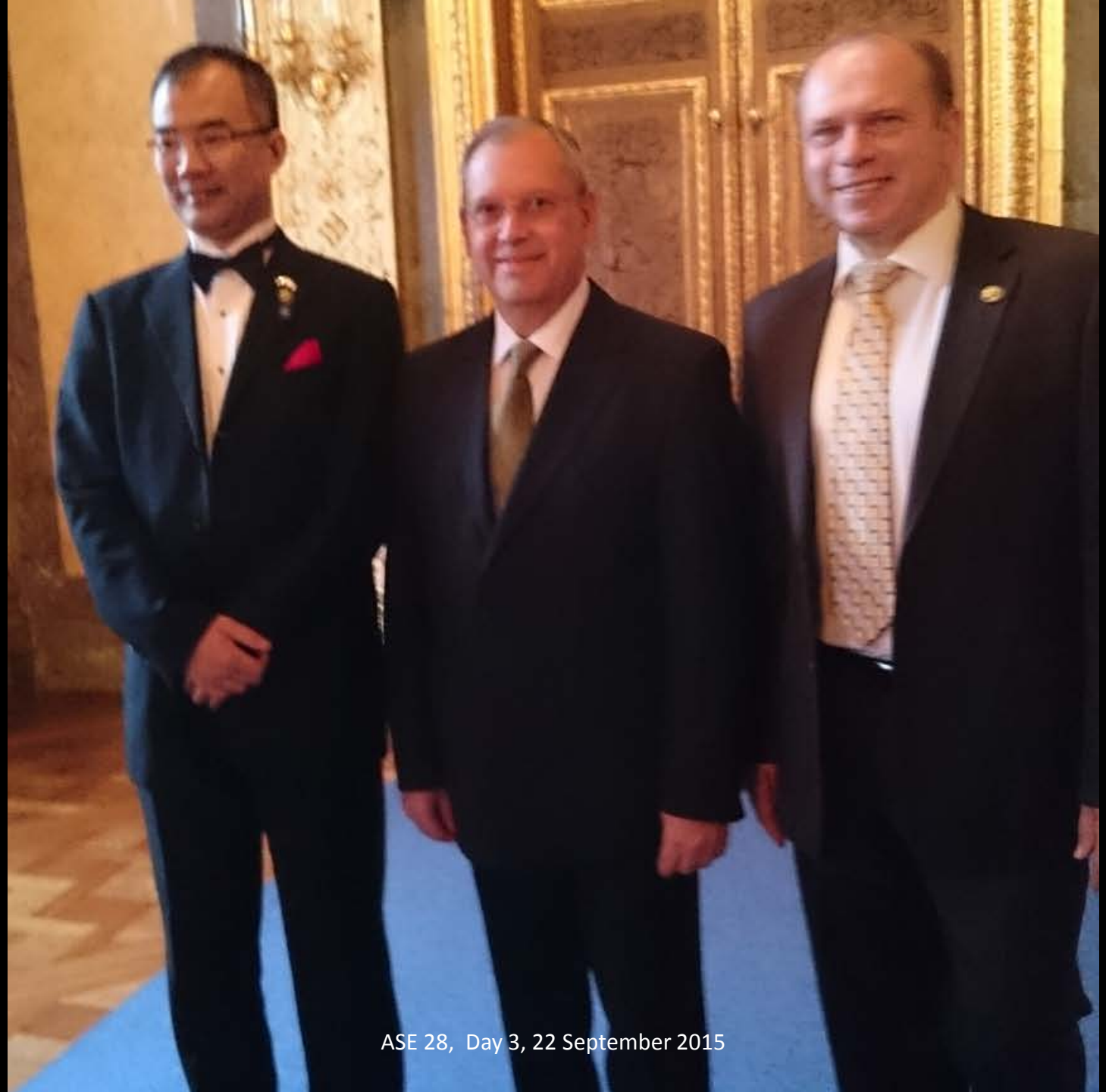




ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015


ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015









ASE 28, Day 3, 22 September 2015


Kenangan Undangan


The Royal Giftshop



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015





ASE 28, Day 3, 22 September 2015


ASE 28, Day 3, 22 September 2015


ASE 28, Day 3, 22 September 2015


ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015



ASE 28, Day 3, 22 September 2015

ASE 28

Day 4

September 23, 2015



ASE 28, Day 4, 23 September 2015


XXVIII Plenary Congress
Association of Space Explorers
September 2015 • Sweden



ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



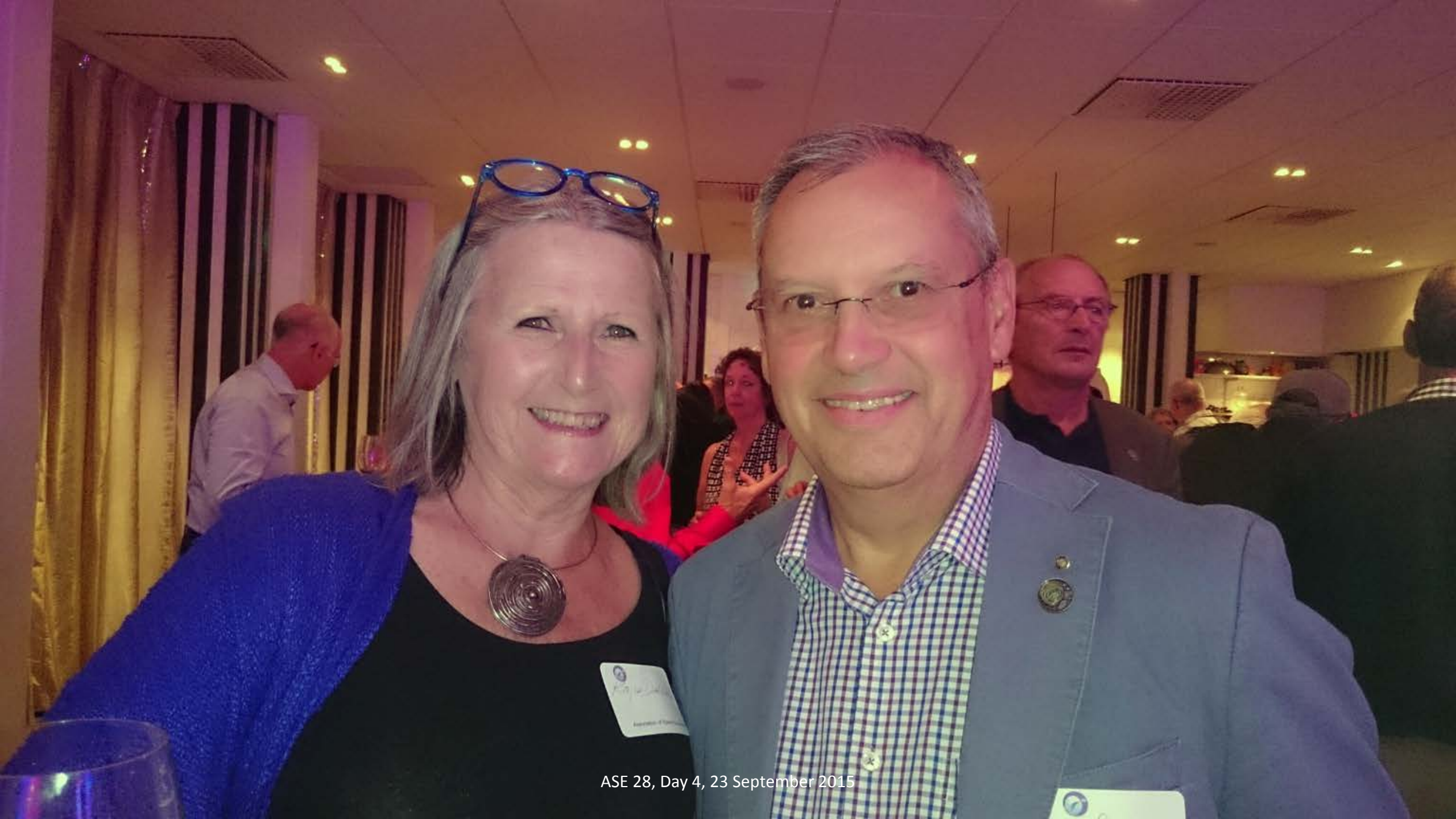
ASE 28, Day 4, 23 September 2015



ASF 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



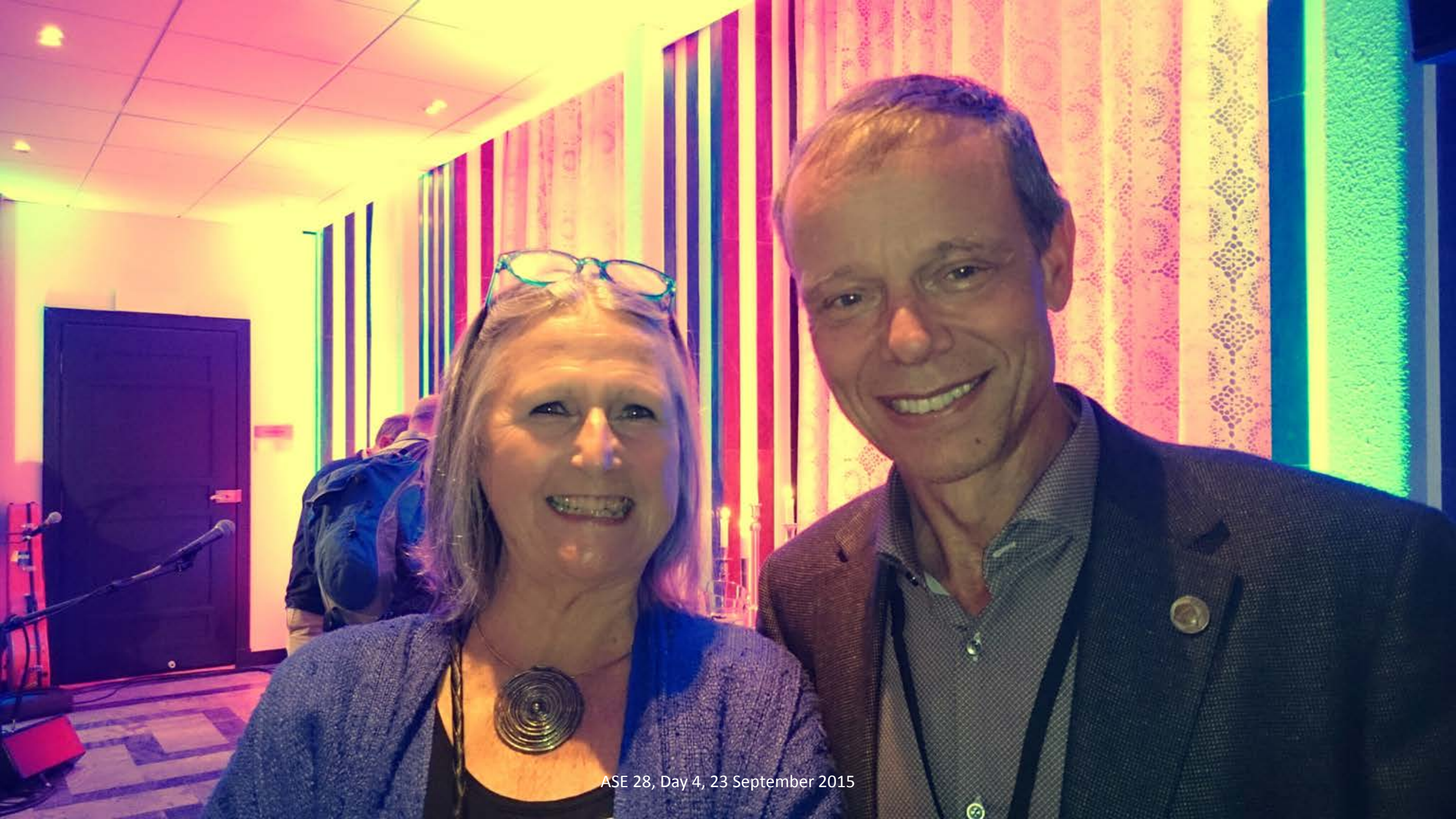
ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015


ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



ASE 28, Day 4, 23 September 2015



ASE 28

Day 5

September 24, 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015

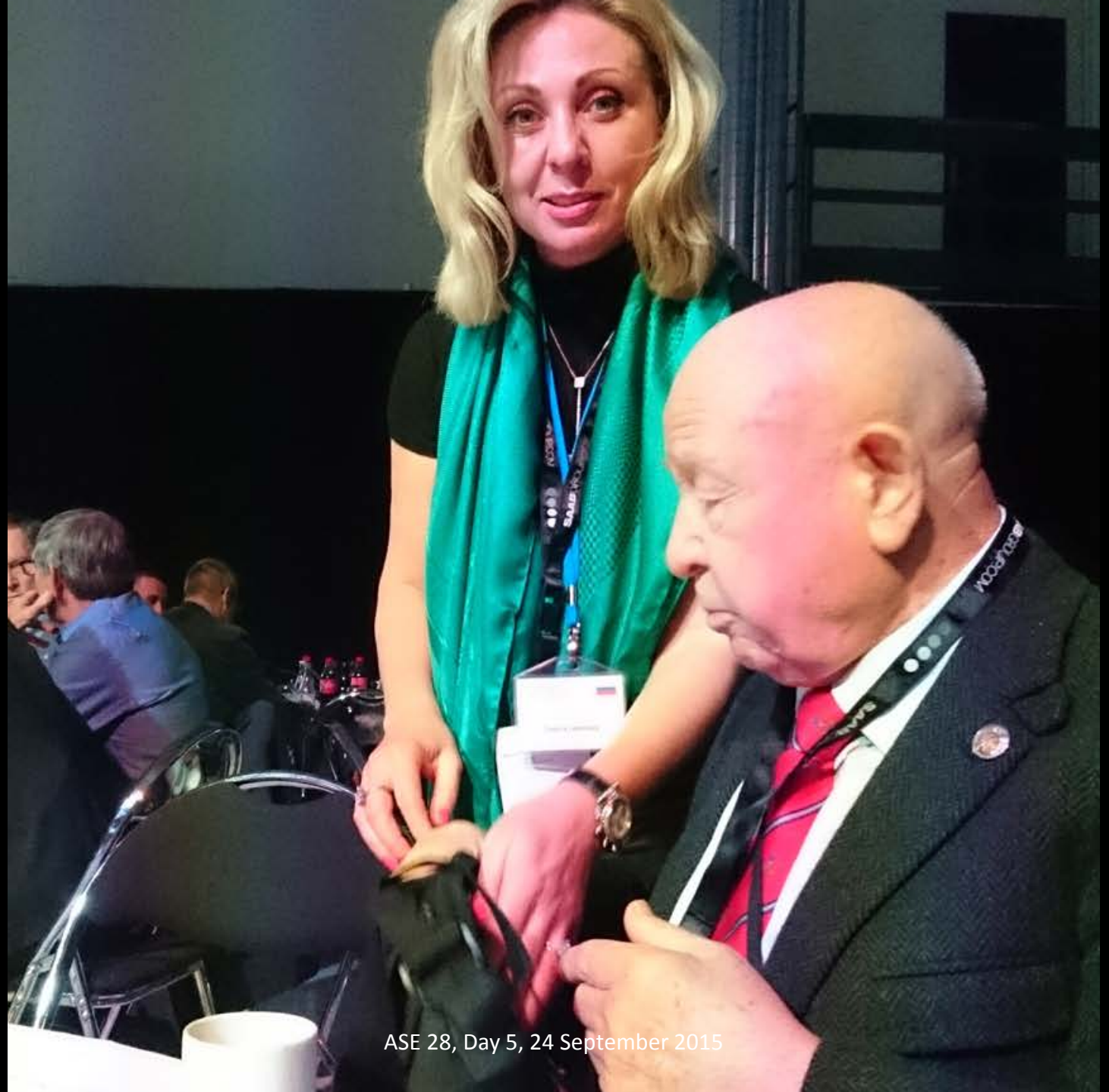

BOMBARDIER


ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


SAAB
SAAB
GRIPEN



ASE 28, Day 5, 24 September 2015




U S A F
HERITAGE FLIGHT








NASA
R.G.ARRIOTT
P.T.ЭРРИОТТ




SAAB
ASE visit at Saab
Linköping, September 24
SAAB
SAAB






SAAB
SAAB










GRIPEN




SAAB


GRIPEN C
FACTS
Length overall: 14.9 m
Width overall: 8.4 m
Basic mass empty: 6800 kg
internal fuel: > 2400 kg
Max takeoff weight: 14000 kg
Max thrust: 80.5 kN
Min takeoff distance: 400 m
Landing distance: 500 m
Max speed at sea level: > 1400 km/h
Max speed at high altitude: Mach 2
Supercruise capability: No
Max service altitude: > 52,500 ft
Ferry range: 3000 km
G-limits: -3G / +9G
Hardpoints: 8
Combat turnaround air-to-air: 10 min
Full engine replacement: 1 hour




SAAB
DANGER
ROCKET
EJECTION


SAAB
BREAKING THE
SAAB


SAAB
SAAB
SAAB





ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


SAAB
WAY OF LIFE



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015

PIONJÄRER
1910–1926



typiskt för flygplanen

FÖRE FÖRSTA VÄRLDSKRIGET HADE
NATIONALISMEN VUXIT SIG STARK
MINDRE STATER I EUROPA MED GEMENSAM KULTUR
SLOG SIG SAMMAN MEDAN
STÖRRE STATER RISKERADE ATT FALLA ISÄR NÄR OLIKA FOLKGRUPPER
VILLE BLI SJÄLVSTÄNDIGA
DET GAMLA KLASSAMHÄLLET IFRÅGASATTES OCH
NYA DEMOKRATISKA IDÉER SPREDS
MED HJÄLP AV NY KOMMUNIKATIONSTEKNIK OCH BIDROG
TILL FÖRÄNDRING



ASE 28, Day 5, 24 September 2015


86


76
76


FLYGVAPNET
92


ASE 28, Day 5, 24 September 2015

KALLA KRIGET
COLD WAR 1940–50









ASE 28, Day 5, 24 September 2015

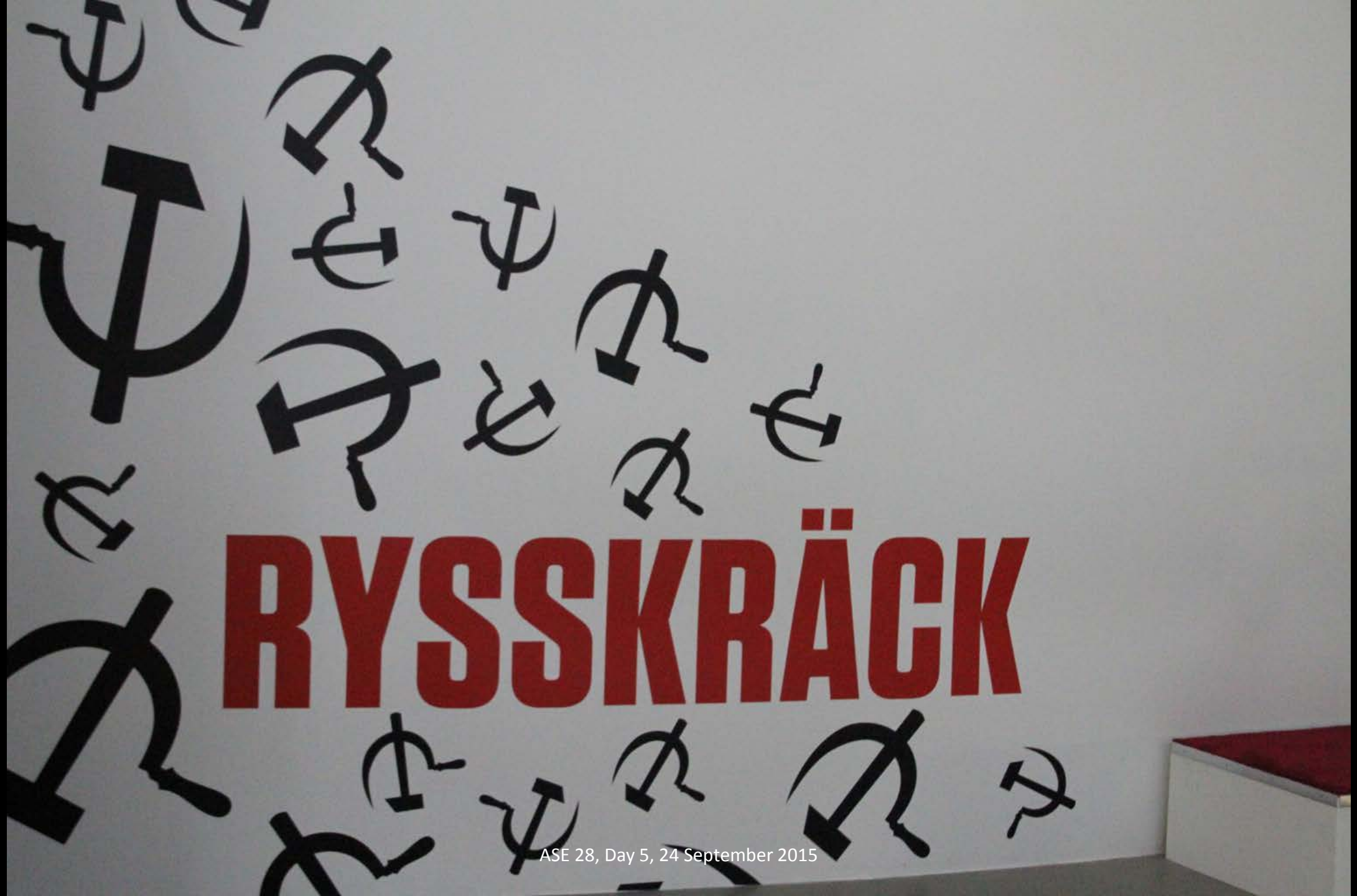

ÖGA MOT ÖGA
1950-53
KOREAKRIGET
PAKTER
UNDERRÄTTELSEKRIG
STALINS DÖD
MOTSTÅND
KAPPRUSTNING
KAPITALISM



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


RYSSKRÄCK


FREDSKRIS


ENERGI
OLJEKRIS & KÄRNKRAFT
KAPNING, OCKUPATION OCH KIDNAPPNING
TERRORISM


STORA
KRIGET
THE GREAT WAR


M KRIGET KOMMER
CTING THE WORST

ACTS OF SECRECY

The DC-3 that disapeared

On 13th June 1952 a DC-3 took off from Bromma airport in Stockholm with eight crewmembers on board. Their mission was top-secret. Two hours after take-off, radio contact was lost with the aircraft. A major search and rescue operation commenced but no trace of the aircraft could be found apart from a deflated dinghy bearing traces of Soviet ammunition. The DC-3 had vanished and it would take more than fifty years before it was found.

The story of the DC-3 in some way epitomises Swedish history during the Cold War era. A period when the world was neither at war nor at peace but where reminders of tension between East and West were constant. It is a story of secrecy, superpower politics and of a wall of silence towards the families of those involved.



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015





ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



Lämna inga fingeravtryck

Museets föremål är unika och tar skada av smuts, fett och salter som finns på dina fingrar. Därför är det viktigt att inte röra flygplanen.



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


LINKÖPING CITY AIRPORT



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


Bergen
Oslo
Enontekio
Vaxjo
Headwind:



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


VÄXJÖ
The Greenest City in Europ
vaxjo.se



ASE 28, Day 5, 24 September 2015


BILLIGA FLYGRESOR
FRÅN SMALAND
RYANAIR
Välkommen till Väx
ts Matlandethuvudstad 2
10–12 september 2015



ASE 28, Day 5, 24 September 2015


www.matsmaland.se



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


Välkomm
– Årets Mat
MAT 2015
10–
r 2015



ASE 28, Day 5, 24 September 2015


ROTARI
BRUT
ROTARI


VÄXJÖ
The Greenest City in Europe
vaxjo.se
Växjö



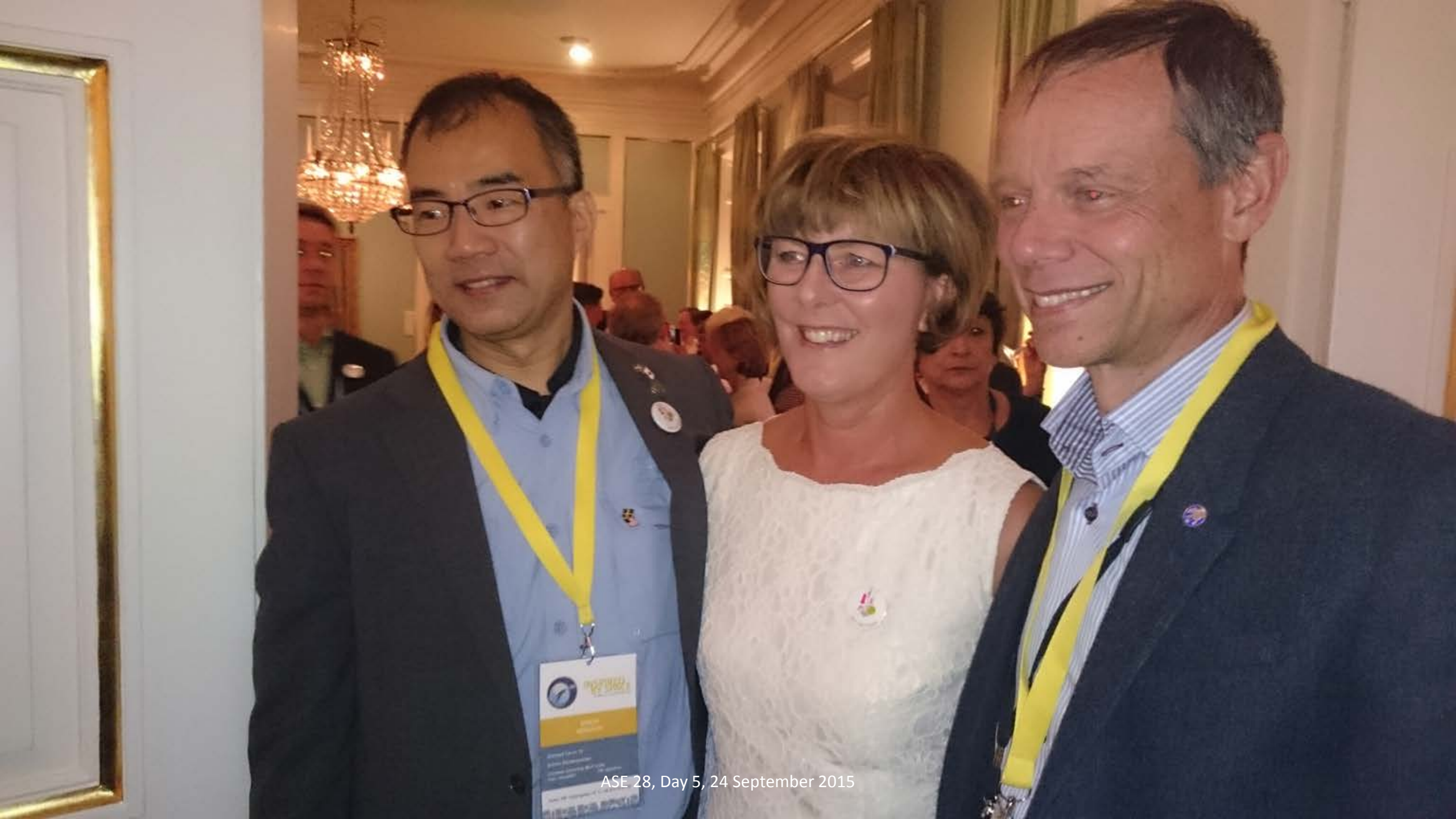
ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015


ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015



ASE 28, Day 5, 24 September 2015

ASE 28

Day 6

September 25, 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


Welcome cosmonauts!



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015




ASE 28, Day 6, 25 September 2015


CARD BOX


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


För att få en
vän måste
man vara en!
Tänk på
ljudmiljön!



ASE 28, Day 6, 25 September 2015




ONLY ONE YOU



ASE 28, Day 6, 25 September 2015


Ryska
Albanska



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015




INSPIRED BY SPACE
Welcome Astronauts!
Linnéuniversitetet
INFOCENTER
Mötesplats
Meeting point


INSPIRED BY SPACE
Welcome Astronauts!
Linnéuniversitetet
Mötesplats
Meeting point
NFOCENTER



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASTRO Day 6, 25 September 2015


Linnéuniversitetet
ASE2015 Inspired by Space
Tech Sessions
BUILDING N
Linnéuniversitetet


BOSCH



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015





ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


DISCOVER THE
WORLD OF EGGER



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28 Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015





ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015



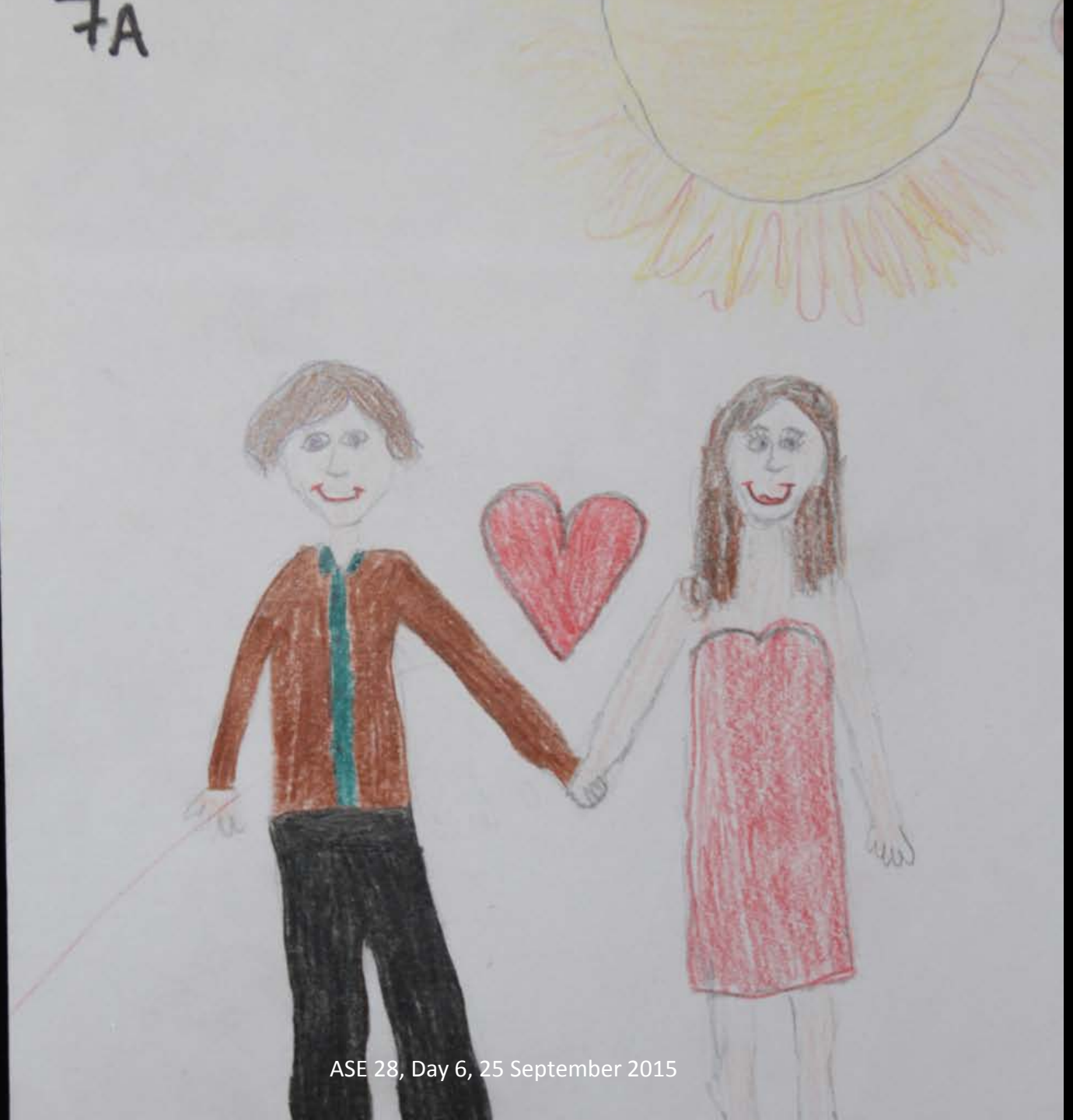
ASE 28, Day 6, 25 September 2015



ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015


ASE 28, Day 6, 25 September 2015


7A