

## NASA AAQ Workshop Feedback Form

October 13, 2017

(1) Oral Presentations – Keynote Address and Introduction to AAQ

<b>Very Good</b>	36
<b>Good</b>	5
<b>Fair</b>	
<b>Disappointing</b>	
<b>Blank</b>	1

### Comments

too technical. How do these missions align with NASA? what's Next for AAQ?

good way to frame further presentations

always nice to see how quality assurance and space tech are moving forward

did not know what AAQ was much about and this was informative

lovely presentation

awesome rocket videos

great intro

the information on your website, modules and certification was very useful

keynote was a great way to introduce the conference

informative, diverse and reflective (enjoyed it)

online QA training education on correct federal expenditures. Education K-12 will benefit from this positive NASA outlook

I think AAQ should develop mission and vision statements

good overview

SLS was excellent, especially the extra time for Q and A.

(2) Morning Oral Presentations – Future of Aerospace Quality, Six Sigma, Calibrating Success, Right Stuff Space Camp, Cube OS

<b>Very Good</b>	33
<b>Good</b>	7
<b>Fair</b>	1
<b>Disappointing</b>	
<b>Blank</b>	1

**Comments**

future of Aerospace presentation was fair

good mix of different aspects

most were very interesting

very interesting take on quality assurance

six Sigma was not very informative

Varieties are really good

exciting and educational

future of aerospace, six sigma and Cube OS was very well done

very interesting, good variety

the future of aerospace quality is an excellent example of what worries students when leaving to work in aerospace industry

enjoyed the mixture of talks

generally good except for six sigma talk - does not understand the nature of university satellite program

six sigma was very unorganized and had no aerospace experience

informative and varied

VERY interesting topics - I enjoyed how provocative some of the topics were

correct frameworks in problem solving. inclusion software benefits with correct payload success rate not C code.

Cube OS was cool

very diverse

lots of ideas to expand on

Good idea to introduce outside talks. Maybe require full abstracts (and publish in program) to better vet>

### (3) Poster Presentations

<b>Very Good</b>	27
<b>Good</b>	13
<b>Fair</b>	
<b>Disappointing</b>	
<b>Blank</b>	2

#### Comments

posters were professional and the presenters were engaging.

broad range of topics (good thing)

presenters should make more of an effort to be present at posters

I know that logistics is different but I don't think posters/lunch should be at the same time IMO

different areas are really amazing

diverse and instructive

very approachable and gave great advice on further reading

informative and great for networking

I really enjoyed talking to students and presenters about their work

Great diversity of projects

wonderful networking section and extremely informative

overall, Fair, CUBE OS was excellent however

posters provide avenue toward forward related QA areas

very open and friendly, wrapped up too soon though

great variety

some were too technically difficult to understand

Need more summaries for people who don't have loop knowledge of the particular subject

breaks between sessions to view the posters and for coffee would be better than the 2 hour break poster presentation.

(4) ESD Verification mini-tutorial

<b>Very Good</b>	22
<b>Good</b>	12
<b>Fair</b>	2
<b>Disappointing</b>	
<b>Blank</b>	6

**Comments**

it was an in-depth technical overview

Important Topic (well done)

always important and engaging

the video demonstration comparing different materials was very helpful

very informative

extremely informative, very practical and useful

tutorial is eye-opening for ESD safety

very informative, Increases chance for success with very easy steps

too detailed

excellent topic

the demonstration of the logs(?) was incredible

would have liked to hear more about mitigation after launch

good choice of topic and presentation

it was interesting to hear about recent issues regarding ESD

enjoyed this session

(5) Afternoon Oral Presentations - Challenges in Deep Space, Alternate Materials, Remote Sensing STEM Programs and Integrating Open Source.

<b>Very Good</b>	26
<b>Good</b>	12
<b>Fair</b>	
<b>Disappointing</b>	
<b>Blank</b>	4

**Comments**

a variety of topics presented and the implications for quality were provided

very interesting

the talks gave a preview of how this fits into various domains

again, great presentations, lots of interesting perspectives on quality assurance

very interesting and appropriately related to quality assurance

some had very little to do with quality while others were amazing!

human factors parallels theme inclusion diversity, interdisciplinary topics.

remote sensing was not very engaging

loved the deep space and STEM info

Very uneven, good choice inviting miler space. Iqbal started strong and got bogged down in tables.

mesut is a good speaker but talked too generally and spent 15 minutes on social theory instead of getting to his talk topic. Dewayne - entertaining guy

felt like a couple of these were off topic

(6) Logistics and Organization of the Workshop

<b>Very Good</b>	32
<b>Good</b>	5
<b>Fair</b>	1
<b>Disappointing</b>	
<b>Blank</b>	5

**Comments**

maybe morning and afternoon coffee breaks - especially for networking

a more detailed parking map please...

convenient and easy, plenty of options.

signs in parking lot directing to event location

have short breaks between sessions

good venue, adequate organization

tuesday-Thursday event would be better

Allison Chambers was extremely helpful

great location

conference room and setup were great

from attending last year, this was a much better setup. There is a lot of room this year

excellent job of organizing communicating and accommodating

pick a city whose airport is a southwest hub to reduce travel costs. if one talk ends early please still keep talks to time - give extra q and A time so it runs 40 minutes. ends up draining energy.

(7) Regarding attending a future NASA AAQ Workshop:

<b>Definitely Attend</b>	29
<b>Might Attend</b>	7
<b>Not Attend</b>	1
<b>Blank</b>	5

(8) Regarding the travel stipend:

<b>Essential</b>	22
<b>Not Essential</b>	11
<b>Not Important</b>	3
<b>Blank</b>	6

(9) Regarding publicizing AAQ and stimulating its use and interaction, please suggest any groups, organizations, individuals or listservs that we can reach to:

ETD listserv

establishing a consortium and going after various funding agencies to systematically study and develop the AAQ spectrum. Mesut Akdere is interested in being an expert user

any and all AIAA conferences would be good locations to offer presentations or a booth

ASEE

lockheed supplier Conf-littleton, CO, Aerospace Corp - Elsegundo , CA Small Sat- Logan, Utah

IEEE, ATMA

Parker Swanson - Linn benton Community College - swansop@linnbenton.edu

CAP (civil Air Patrol) STScl ( Space Telescope science institute)

Space Grant meetings

Cube sat Developers workshop, Cal Poly

SEEC, ETHOS science center, space camp for educators

SEDS - Canada Ascension Conference

SWE - society of women engineers and NSBE - National society of black engineers to improve diversity representation

(10)Are you or your group willing to provide:

<b>Materials</b>	11
<b>Feedback</b>	12
<b>Test the certification system</b>	11

(11)Name

**Materials**

Mesut Akdere

Fredricka Brown

Florian Mosaic

Name N/A

Bob Vermillion

Alec Johnson

Mark Horvath

Christopher Murray

Carl Brandon

Adityapal Bhatia

Seth Dennis

Sandy Antunes

**Feedback**

Mesut Akdere
Ahmed Khan
Fredricka Brown
Florian Masic
name N/A
Christopher Murray
Kouroush Jenab
Carl Brandon
Lisa Nyers
Richard Hall
Bill Shaw
Sandy Antunes

**Test the cert. system**

Janet Sanders	
Mesut Akdere	
Fredricka Brown	
Theodore Grosch	
Florian Masic	
Christopher Murray	
Kouroush Jenab	
Adityapal Bhatia	Sandy Antunes
Richard Hall (304 561 4803)	Bill Shaw

(12) Please suggest any topics or format changes for the next AAQ Workshop or give any other feedback you wish:

Reduce lunch break by half an hour, but provide 3 ten minute breaks between presentations. Would have been nice to provide a tour of space center at UAH

3 one hour breaks that might increase investment in both workshop presentations

it would be nice to see presentation of a full case study

if the next workshop is in Huntsville, we should get a tour of the NASA facilities for a short while.

make presentations available to attendees. Invite tier 1 or tier 2 suppliers to present industry challenges and successes from a quality perspective. Also add discussion covering cubesat failure rate and what caused failure. are failures caused by low quality components?

this is working well

managing risk on a cubesat program across multiple collaborators

mid break in the morning and mid break afternoon.

a small biography of the presenters would be really nice and hopefully the presentations and posters will be emailed to the participants of the workshop.

space environment details?

thank you for the opportunity to learn and share! truly a wonderful experience

shorten the talks from half hour talks to 20 min talks and 15 minutes q and A. better for participation and attention span. Several talks already ran short. also set aside a 30 minute poster plug session where each poster presenter gets 1 minute to briefly explain their topic. enforcing the time limit as a challenge/game usually works well

if possible, I would enjoy hearing more talks from groups with successful launches