

Communications and Tracking

Michele DiBenedetto

<Michael Hughes> do u suggest graduate school as well?

<janet nieto> ooo i wnat to have my menor in math and physics

<Michele - Mentor> for astronaut yes

<janet nieto> and my mayou in engineer

<Michael Hughes> ok

<Michele - Mentor> there are a few astronauts i believe who degrees
in various areas

<janet nieto> what is the average in pay for the people that works in
NASA

<janet nieto> ??

<Michele - Mentor> not sure

<Michele - Mentor> it all depends on years there

<janet nieto> but stil is good?

<Michele - Mentor> yes

<janet nieto> because i want to be someone important person

<Shea Snider> Hello, my name is Shea. Sorry for the belated
enterence.

<Michele - Mentor> comporable to a normal engineering salary for a
government job

<Michele - Mentor> Janet - just because you get paid more doesnt
make you more important

<janet nieto> yes i know but i was only asking

<Michele - Mentor> the flight controllers in MCC and the astronauts onboard are not the highest paid people but probably perform some of the most important work in space business

<janet nieto> it is because where i lived before

<janet nieto> that was the way we learn that

<Michele - Mentor> understand

<Michael Hughes> where did u live before?

<janet nieto> in mexico

<Michele - Mentor> Any other questions about International Space Station

<Michael Hughes> cool

<janet nieto> yes i know

<janet nieto> i am from here but i leved there 16 years

<Michael Hughes> will the crew size increase in the future?

<janet nieto> lived

<Michele - Mentor> yes

<Michael Hughes> what is the max?

<Michele - Mentor> we are looking to go to a 6 person crew here in like 3 months or so

<Nathan Carey> and it's 3 right now?

<Michael Hughes> oh cool

<Michele - Mentor> we have consumables for about 6 at a time

<Michele - Mentor> correct nathan

<janet nieto> the ordinary people, i am refering to us like we that we

do not are astronauts or something

<janet nieto> can we go someday to the space

<Nathan Carey> for a price, yes!

<Michele - Mentor> in the private industry or if you pay russia 35
million dollars

<janet nieto> really??

<Michele - Mentor> yup

<dan> Yeah that billionaire just went up for a second time

<Nathan Carey> no way!

<Michael Hughes> isnt Virgin Galactic working on some stuff?

<janet nieto> but did you think that if maybe we can live there in the
future

<janet nieto> ??

<Nathan Carey> eventually

<Michele - Mentor> our goal is to be able to travel to Mars and live
there

<Michele - Mentor> first we are going to go back to the moon though

<Shea Snider> of what nationalities?

<janet nieto> why to mars

<janet nieto> ??

<Michael Hughes> i think it would be amazing to be one of the first
back to the moon

<janet nieto> why that is our goal

<Michele - Mentor> it is the closet planet that we might be able to
survive on

<dan> Do you see any problems of depending on the Russians for
resupplying the ISS

<janet nieto> why ??

<Nathan Carey> YES

<dan> Especially in the political climate

<Michele - Mentor> there is always worries about being reliant on
others

<liliana> hello im like super late so what are we talking about?

<Michael Hughes> the ISS

<janet nieto> about the space shuttle

<Michele - Mentor> But we always are trying to improve ourselves

<janet nieto> liliana where are you from?

<Michael Hughes> how long do u think it will be until Mars is
colonized?

<Michele - Mentor> we are almost complete with the station... we finished our last installation of power
solar arrays

<Michele - Mentor> Michael - not sure

<Michele - Mentor> first we are going to try the moon for a while

<janet nieto> that will be the firt thing

<Michael Hughes> and that will happen sometime after 2010?

<Michele - Mentor> yup

<liliana> im from sana ntonio

<liliana> antonio

<Michele - Mentor> by 2020 we should be back to the moon

<janet nieto> and did you speak spanish

<Michael Hughes> ok that was what i thought but i wasnt sure

<liliana> yes

<janet nieto> ola yo soy de presidio texas

<liliana> o mucho gusto

<janet nieto> igualmente

<janet nieto> por fin alguien habla espanol

<Nathan Carey> Spanish isn't helpful on here

<liliana> gracias

<janet nieto> porque yo casi no se

<janet nieto> o im sorry

<Michele - Mentor> waiting to see if anyone understood

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<janet nieto> ok gracias

<Michael Hughes> i can read and write a little spanish

<liliana> de nada

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<Michele - Mentor> I haven't found either helpful here

<janet nieto> because you would need that some day

<Michele - Mentor> Russian would have been more useful in high school

<Michael Hughes> at NASA? do u know any Russian?

<liliana> what kinda a languages can u speak in nasa like russian or spanish or what\

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<janet nieto> why is NASA the most important company in aerospace in all world

<Michele - Mentor> the primary language on ISS is english

<janet nieto> did you have more?

<Michele - Mentor> so all other countries have to speak it or have an interpreter (sp)

<dan> That sounds neat, I always wanted to learn either Russian , Arabic, or Chinese

<liliana> how come russia is so important in nasa?

> Any questions for Michele about her expertise in communications and tracking?

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<janet nieto> yes i want to know if she need

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> Where are the other tracking stations located?

<Michael Hughes> do u know if they will, or already have, something similar to a GPS for mars or the moon?

<janet nieto> like in brasil

<dan> Hey Michele, do you have a lot of problem with space debris

<janet nieto> that country is related with NASA right

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<Michele - Mentor> Randy - our primary on is White Sands in New Mexico and Quam is the other

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<Michele - Mentor> bye Michael

<Michele - Mentor> yup...

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<Nathan Carey> so where are those stations?

<Michele - Mentor> russia on the other hand only has ground stations

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<Michele - Mentor> the ISS uses primarily the one in white sands

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<liliana> to nasa

<Michele - Mentor> there is a few second time delay

<Michele - Mentor> so when the do public events you have to wait a bit before asking the next question

<Michele - Mentor> the crew has multiple ways of communicating with ground<Michele - Mentor>
math works also

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> Michele, we're about out of time. Thank you very much for sharing your knowledge.

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<Michele - Mentor> No problem...sorry for being late... work ran late

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