



STEMN



ONLINE DATING FOR SPACE IDEAS

Tell your story. Find your answer.

Space Apps Challenge 17,335 Australia Updated 17 hours ago Project



How Good Does Your Garden Grow

Detect threats to the global food distribution and direction.

Continue Reading 7 min read

Libre Space Foundation 14th Avenue Kilmory Updated 17 hours ago Project



SatNOGS

SatNOGS project is a complete platform of an Open Source Networked Ground Station.

Continue Reading 17 min read

Technische Universität München (TUM) Martin Grottel Submitted 2 months ago Blog



YOUR ORGANISATIONS

- Australian Centre for Space ...
- University of Stuttgart
- Institute of Space Systems, ...
- Space Station Design Works...
- Students for the Exploration...
- University of California, San...

YOUR FIELDS

- STEMN Bugs
- Space
- STEMN
- CanSat
- Mars Rover
- Remote Sensing

Got friends or colleagues?

We'd love to have the join.

Invite a friend

TOP PROJECTS

- Space Revolutionary Company
Origo Saraggen
- Tarleton Aeronautical CanSat 2014
Tarleton State University
- Gateway for Russian & European Exploration ...
Space Station Design Workshop (SSDW)
- Project Thunderstruck
Robert Brand



FlowerSat1 - CO2 Sensing CubeSat

INTRODUCTION

ABSTRACT

ABSTRACT

Flower Sat 1 is a concept satellite that was designed to detect carbon dioxide levels across continental Australia.

IMAGES



TAGS

Satellite CubeSat Nanosat

INTRODUCTION

FlowerSat1 was a student CubeSat design project at the University of Sydney. It was designed as a 1U CubeSat with an Argus 1000-W Spectrometer payload. This would allow remote sensing of CO₂, H₂O and CH₄ levels.

Full details are available upon request.

METHOD

REQUIREMENTS

FlowerSat is not a generic 1U CubeSat because it has the 4 extendable solar panels, as such an off-the-shelf chassis structure will not work. The chassis design must contain the 4 extendable arrays while also conforming to all the requirements of the CubeSat Specifications (2009).

Secondly the structure must provide a platform for the various subsystem's PCBs to interface by creating a sturdy frame insulated from excessive heat and radiation. This latter requirement



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STEMN Blogs Version 2.0

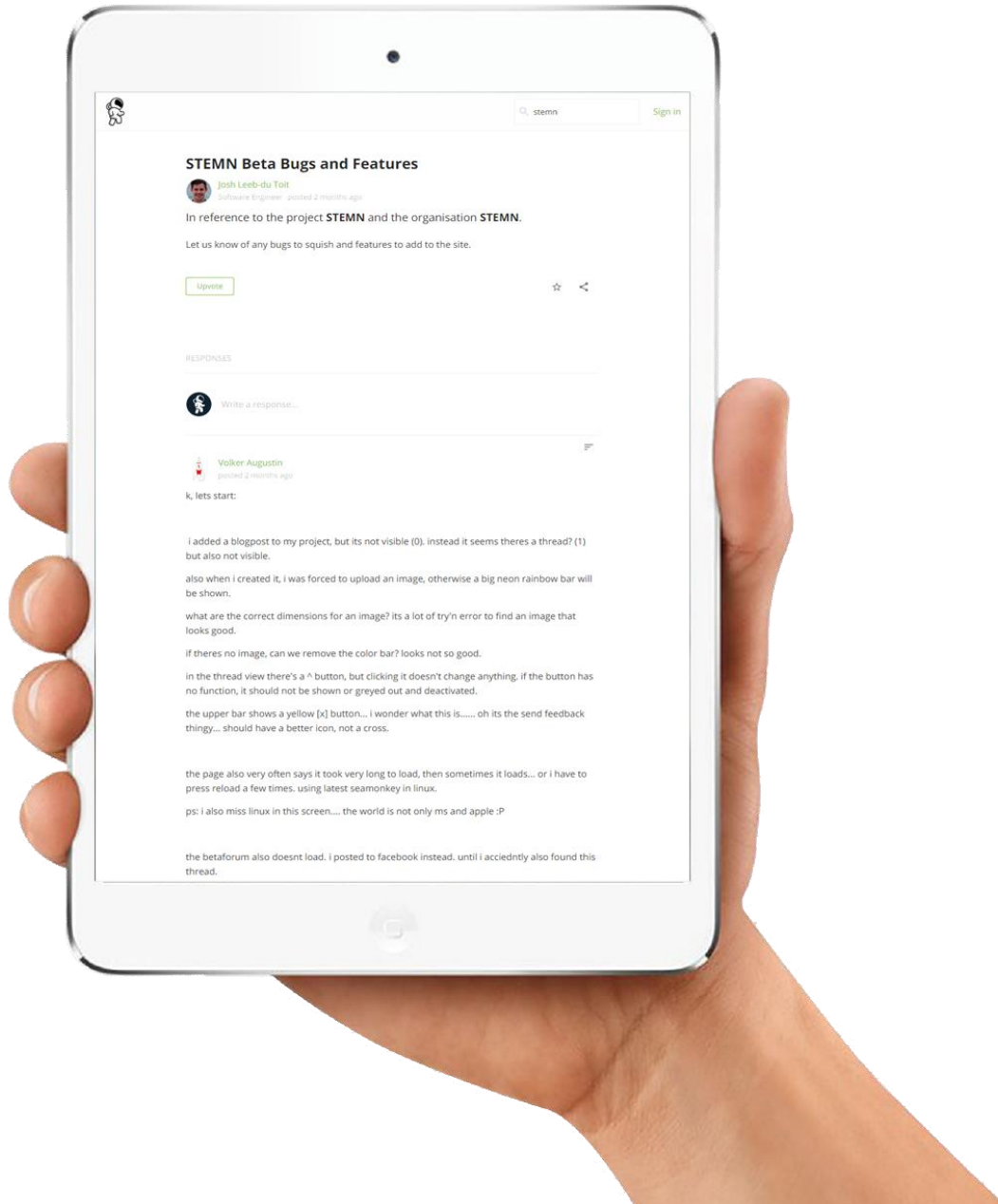
We've introduced new STEMN blog work. The new system is much more flexible and covers all the bases of the new forum system. This means:

- You can now comment on any blog post. Replies feature include votes and comments.
- You can have **project blogs** or a **personal blog**. All of your blogs will be consolidated on your profile page.
- Your blog posts will appear in the **forum network**. The reason for putting each in **forum** or **personal** is to allow the forum to sort or categorize what is posted.

This new profile system gives you an blog about anything you're interested in, by using tags to help it much easier for people to find them and much easier to give a following.

If you have any questions or feedback, please email us here.

STEMN | New Development | Helpdesk | Support | Home | Logout



STEMN Beta Bugs and Features

 **Josh Leeb-du Toit**
Software Engineer · posted 2 months ago

In reference to the project **STEMN** and the organisation **STEMN**.

Let us know of any bugs to squish and features to add to the site.

[Upvote](#) ☆ <

RESPONSES

 Write a response...

 **Volker Augustin**
posted 2 months ago

k, lets start:

i added a blogpost to my project, but its not visible (0). instead it seems theres a thread? (1) but also not visible.

also when i created it, i was forced to upload an image, otherwise a big neon rainbow bar will be shown.

what are the correct dimensions for an image? its a lot of try'n error to find an image that looks good.

if theres no image, can we remove the color bar? looks not so good.

in the thread view there's a ^ button, but clicking it doesn't change anything. if the button has no function, it should not be shown or greyed out and deactivated.

the upper bar shows a yellow [x] button... i wonder what this is..... oh its the send feedback thingy... should have a better icon, not a cross.

the page also very often says it took very long to load, then sometimes it loads... or i have to press reload a few times. using latest seamonkey in linux.

ps: i also miss linux in this screen.... the world is not only ms and apple :P

the betaforum also doesnt load. i posted to facebook instead. until i accidntly also found this thread.



Jackson Delahunt

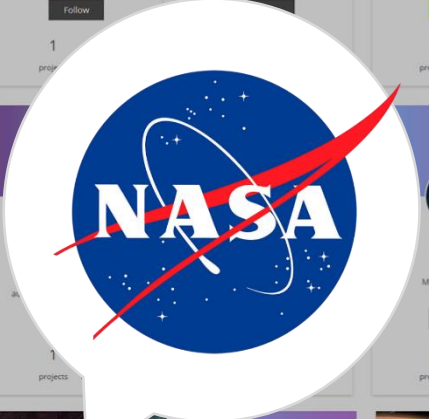


David Revay



Jack Yeh





STEMN Astronaut
Cyborg information sorter
Follow
25 projects 20 followers

Jack Yeh
Co-Executive Secretary | Space Generation Advisory Council (SGAC)
Follow
8 projects 39 followers

David Reavy
Rocket Scientist and Entrepreneur
Following
7 projects 33 followers

Gabriel Margatida
Aerodynamics and Mechanical Engineer
Follow
4 projects 7 followers

Wendy Mensink
Graphic Designer at Wendy Mensink
Following
1 projects 7 followers

Erik Laan
Space Systems Engineer & Owner at Eye On Orbit
Following
1 projects 2 followers

Nicholas Giannelis
Aerelasticity
Following
1 projects 2 followers

Martin Losekamm
Student Researcher at Technische Universität München
Following
1 projects 6 followers

Kushal Agarwal
Aerospace Engineering Post-Graduate looking for full time
Follow
1 projects 1 followers

Lucien YAU
Aeronautical engineer ESTACA (Ecole supérieure des Techniques)
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1 projects 1 followers

Lloyd Droppers
Project Manager at Project Earendel
Follow
1 projects 0 followers

Yale Undergraduate Rover Association
Engineering/Construction
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1 projects 1 followers

Greg Page
Physics student, (MSci)
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0 projects 0 followers

Ian Sharpe 4-DM MAIPM CPPD PMP
Poor leadership has resulted of the world's workforce disengaged
Follow
0 projects 0 followers

Michael Leslie
Co-Founder & Technical Manager at AU Space Systems
Follow
2 projects 12 followers

Sydney Do
Graduate Research Assistant, Doctoral Candidate at MIT
Follow
2 projects 4 followers

Sam Udyawer
Space Engineer
Follow
1 projects 5 followers

Christopher Vasko
PHD at Eindhoven University of Technology
Following
1 projects 5 followers

Alex Reavy
Engineer and fantasy sport lover
Following
1 projects 2 followers

Michael Milde
software developer
Follow
1 projects 0 followers

Luca Monk
Program Coordinator at Incubate
Following
1 projects 3 followers

Jason Field
Director Saber Astronautics
Follow
0 projects 6 followers

Bob Twigg
Professor - Aeronautics at Morehead State University
Following
0 projects 2 followers

John Furness
Undergraduate at MIT for AYAA |
Follow
0 projects 0 followers

Tim Broadbent
Space Fan
Follow
0 projects 0 followers

Simon Vanden Bussche
Electrical Systems Engineer at Cinetiq Space
Follow
0 projects 0 followers

Benjamin Kraetzig
NPCC Germany, SGAC
Follow
0 projects 2 followers

Anthony Garcia-La
Software Engineer
Follow
0 projects 0 followers

Jackson Delahunt
Maker
Following
1 projects 18 followers

Adia Bulawa
Space Chick
Follow
1 projects 3 followers

James Hughes
SpaceUp Australia
Following
1 projects 9 followers

Mark Mackay
Executive Director, KiwiSpace Foundation
Follow
1 projects 4 followers

Christoph Martens
Research and Development Engineer at LAB73 Design GmbH
Following
1 projects 1 followers

Wolfgang Weicht
There are those who surf the web, and there are those who make the web.
Following
1 projects 1 followers

Afraz Khan
Community Teaching Assistant at Harvard
Following
1 projects 1 followers

James
Aerospace Physicist
Follow
0 projects 3 followers

James
Aerospace Physicist
Follow
0 projects 3 followers

James
Aerospace Physicist
Follow
0 projects 3 followers

James
Aerospace Physicist
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Aerospace Physicist
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James
Aerospace Physicist
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0 projects 3 followers

Scott Dorrington
PhD Candidate at University of New South Wales
Following
1 projects 3 followers

Brian Lim
Polymath, Serial Entrepreneur, Singularity University Alumni, ISU
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1 projects 3 followers

Stuart McAndrew
Amateur Satellite Builder
Following
1 projects 5 followers

Chantelle Dubois
Electrical Engineering Student, Science Writer, Space Enthusiast
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1 projects 6 followers

Mark Yeo
Mechanics Guy
Follow
1 projects 0 followers

Scott Haug
Aeronautical and Mechanical Engineer at Clarkson University
Follow
1 projects 0 followers

James
Aerospace Physicist
Follow
0 projects 3 followers

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Aerospace Physicist
Follow
0 projects 3 followers

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Destiny Andrews
Aerospace Engineering Student at University of Florida
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Tiziano Fiore
Process & Technology Engineer at GE Oil & Gas Technology Lab
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Joshua Hoogerwerf
Student at Woodville High School
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Christopher Walsh
Lead Mechanical Design and Documentation Control at digtcor
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Poor leadership has resulted in 87% of the world's workforce disengaged
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Stress Analyst - Aerostructures
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Aerospace Engineer
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Anton Vinokurov
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