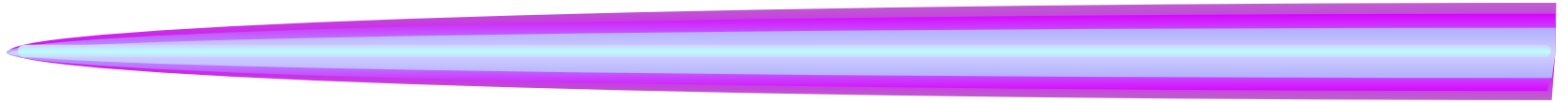
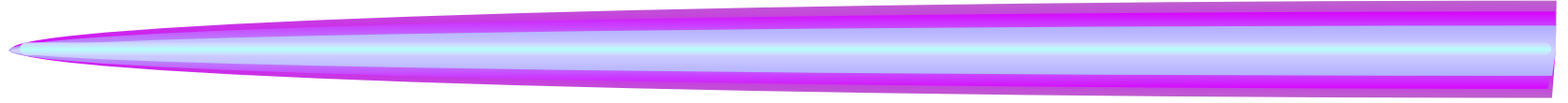


Tough Problems Framework

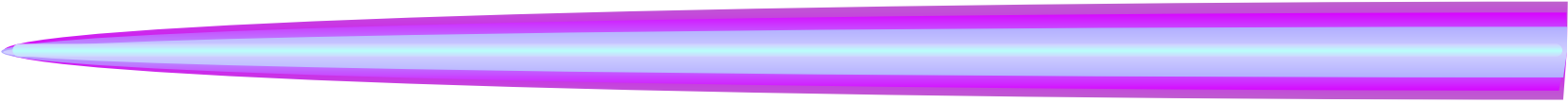


Purpose/Goal



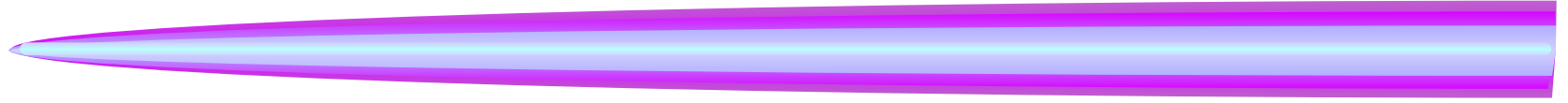
- Establish a resource for members and external researchers to focus and understand Nuclear and Future Flight areas of interest
 - Related fields
 - Students/majors
 - Other TCs

Relative to the "Problems" Part



- Problems can be broken down:
 - Basic feasibility
 - Ex: Warp drive, vacuum free energy, quantum mechanics viability
 - Technological requirements
 - Ex: Fusion Q, NTP temperatures, tether strength/mass, Radiator materials
 - Optional whether we want to include other forms of propulsion (chem, S/NEP) for context

Status



- Initial problem form has been created:
 - <https://forms.gle/VNMrSiz4rwJsT15P6>
- Starting with general descriptions, may proceed to more detailed format building on initial submissions



Hard Problems in Nuclear or Advanced Propulsion

This form is intended to allow identification of the unanswered challenges in advance space propulsion, from fundamental theory to engineering development.

runjim61@gmail.com [Switch account](#)



* Indicates required question

Email *

Your email

What is the title for your challenge? *

Your answer

Name of submitter *

Your answer

Why is this an issue/challenge/problem? Provide a description of why it's currently a problem *

Your answer

How does the solution to this problem improve or enable our capabilities for space travel? *

Your answer

[Optional] What approaches to the solution might be possible?

Your answer

[Optional] What people or groups might have the expertise and/or interest in pursuing this problem? (Can include government agencies, universities, companies)

Your answer

Are there any other groups or TC's in AIAA that work in related areas? See: [list of AIAA committees](#)

Your answer

A copy of your responses will be emailed to the address you provided.

Submit

Page 1 of 1

[Clear form](#)