



**Jefferson Science Associates, LLC**  
Managing and Operating the Thomas Jefferson National Accelerator Facility  
for the U.S. Department of Energy

**Proposal title**

**Principal Investigator (PI)**

**Synopsis** of scientific, educational, technical, and/or business merits, and alignment with and significance to Lab's current program. Add additional pages if necessary.

**Proposed evaluation plan** to measure success. If this is a request for renewal of funds, assessment of prior year performance. Add additional pages if necessary.

Your proposal may include letters of endorsement and other supporting information. A maximum of 10 additional pages may be appended to this proposal form.

# Budget Proposal

**Proposal Title**

**Principal Investigator (PI)**

**Total funds requested**

**To be completed by JSA: Total funds awarded**

	Item Description		Amount
<p><b>Equipment.</b> Lab users submitting proposals that include equipment to be used at the Lab must review with the appropriate Lab Associate Director. The provision of the name of the AD below represents the AD's acknowledgement. <b>No signature required.</b></p>			
	Associate Director: _____		
	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Equipment	
<p><b>Travel Support.</b> Provide break-out of estimates for registration fees, lodging and transportation, catering, and facility charges (room rentals, AV equipment; etc.)</p>			
	_____	_____	
	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Travel	
<p><b>Supplies</b></p>			
	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Supplies	
<p><b>Consultants/Subcontracts</b></p>			
	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Consultants/Subcontracts	
<p><b>Other Expenses.</b> Examples include stipends and honoraria, prizes, awards. The JSA Initiatives Fund Program does not support salaries and salary-related expenses, or indirect expenses. Describe other expenses below.</p>			
	_____	_____	
	_____	_____	
	_____	_____	
		Subtotal Other Expenses	
		<b>Total Budget Proposal</b>	

Budget Justification and Leveraged Support/Matching Funds information. Identify the source, type and amount of support from each institution. For in-kind support, provide estimate of value. Your identification of the authorized representative who has committed institutional support for your proposal represents the acknowledgement of that individual. If support or funds are provided by the Lab, identify the associate director (or equivalent) as the authorized representative. Add additional pages if necessary.

## Budget

\$3000 is requested to partially support participants' local expenses and in exceptional case transportation.

## Budget Justification

The requested \$3000 would allow us to invite and to partially support interested young and/or world-leading experts in the field of the NSTAR conference.

## Informal Request Letter and Proposal

Bob McKeown  
Deputy Director for Science at Jefferson Lab  
Jefferson Lab  
12000 Jefferson Ave STE 15  
Newport News, VA 23606

Dear Bob,

a year ago the advisory committee of the international NSTAR workshop series voted in favor of our offer to host the NSTAR 2017 at University of South Carolina in Columbia, SC. The most recent three NSTAR workshops took place in Japan (2015) <http://www.rcnp.osaka-u.ac.jp/~nstar15/index.html>, in Spain (2013) <http://ific.uv.es/nucth/nstar/>, and for the second time after 2000 at JLab (2011) <https://www.jlab.org/conferences/nstar2011/>. The latter underlines the important role JLab plays in this research field and the impact this workshop series has on the JLab community. The baryon spectrum and structure has always been a field of key importance, but particularly in recent years its impact on probing QCD and its overlap with nearly all other fields of the JLab research program have become more and more evident.

I'm currently in the process of applying for JSA Initiatives Funds. As encouraged by the JSA Initiatives Fund Program guidelines <http://www.jsallc.org/IF/CP17.html>, I want to ask you whether you and hence JLab has any opportunity and availability of matching funds for our NSTAR2017 workshop, which would allow us to support and invite interested young and/or world-leading experts who otherwise would not be able to make it. USC would be honored to have JLab and JSA as official sponsor of this event.

If you have any further questions please let me know. I would highly appreciate it if you could help us in any way to optimize the success of the NSTAR2017 workshop and thus JLab's future and impact in the field of non-perturbative QCD.

Best regards,

Ralf

--

Prof. Ralf W. Gothe  
Department of Physics and Astronomy  
University of South Carolina  
Columbia, SC 29208  
Phone: 803 777 9025  
Fax: 803 777 3065



Ralf Gothe <rwgothe@gmail.com>

---

## NSTAR2017

---

**Bob McKeown** <bmck@jlab.org>  
To: Ralf Gothe <rwgothe@gmail.com>  
Cc: Pat Stroop <Stroop@jlab.org>

Wed, Jul 20, 2016 at 1:27 PM

Ralf,

Yes the Lab could provide matching funds. I would suggest proposing \$3K from JSA and \$3K from JLab.

Best regards,

Bob

# Proposal / Award Processing Form

---

## Administrative Information

---

**Proposal Number** 13070-17-43141  
**Submission Date** 08/03/2016  
**SAM Admin** Mr. Steve Etheredge  
**Status** SAM Approved

---

## Title

---

NSTAR2017 (JSA Support)

---

## Principal Investigator

---

**Name** Dr. Ralf Gothe  
**Phone** (803) 777-9025  
**Fax** (803) 777-3065  
**Email** gothe@sc.edu

---

## Primary Awardee Department

---

Physics & Astronomy

---

## Project Dates

---

**Start date** 05/01/2017  
**End date** 10/31/2017

---

## Costs

---

**Total Amt. Requested 1st or Current Year** \$3,000.00  
**Project Years** 1  
**Indirect Cost 1st Year** 0% (\$0.00)  
**Total Project Amt. Requested (All Years)** \$3,000.00

---

## Proposal

---

**Proposal type** New

---

## Agency Deadline

---

**Type** Receipt  
**Date** 08/08/2016

---

## Sponsor

---

**Project Source** Federal - (FED)  
**Project Purpose** Research  
**Sponsoring Agency** Jefferson Science Associates, LLC (JSA/DOE)  
**Address, if Nonstandard** SURA Chief Governance Officer (elawson@sura.org) Jefferson Science Associates, LLC c/o Southeastern Universities Research Association, Inc. 1201 New York Avenue, Suite 430, Washington, DC 20005

---

## Program Type

---

N/A - Not Applicable

---

## Solicitation

---

**Sponsor Guidelines** see web link or attachment  
**Web Link** <http://www.jsallc.org/IF/CP17.html>  
**Response To RFA/RFQ/RFP** Yes

---

## Questions

---

**15. Project involves research in:**

None of the Above

**17. Project involves entity (sponsor, collaborators, consultants, suppliers, etc.) outside USA.**

Yes

**18. Project involves a foreign national (including faculty, staff or students).**

Yes

## Completed Signatures

Representing	Approver	Action	Date	Comments
Initial Approval	Professor Milind Vasant Purohit	Approved	08/03/2016 5:17PM	It would be wonderful to have a high-profile conference such as Nstar at USC, so I am strongly in favour as long as there is no college commitment due to the difficult budget situation the college finds itself in. [I do not see any such in the budget section so it should be OK.]
Awardee Dept Final Approval	Dr. Lacy Ford	Approved	08/03/2016 8:27PM	No cost share from CAS, no new or modified space or facilities.
SAMAdmin	Mr. Steve Etheredge	Approved	08/04/2016 9:43AM	

2 August 2016

Re: Support by the JSA Initiative Funds Program for the "11th International Workshop on the Physics of Excited Nucleons" NSTAR2017.

This international conference series was initiated in 2000 here at Jefferson Lab and has thrived ever since. NSTAR2017 is the 11<sup>th</sup> edition that is chaired by Ralf Gothe and will be held August 20-23 at the University of South Carolina.

This workshop is an essential initiative within the ongoing effort to clarify the role of strong QCD in our understanding of the excitation of baryon resonances. The science program at Jefferson Lab is providing most of the experimental data that can address the medium to short-distance behavior in the excitation of baryon resonances. With the 12-GeV upgrade the transition from the dominance of dressed quarks and meson-baryon degrees of freedom in baryon excitations towards the regime of bare quarks, and finally to the elementary quark-gluon degrees of freedom can be explored.

This workshop is organized by experimentalists and theorists and will be most timely to present and demonstrate the impact of the flurry of new polarization and electroproduction results that are still in the making as well as to lead us into the new era of JLab12 physics with many approved experiments in the field of baryon spectroscopy and structure analysis and new searches of gluonic matter. The topics covered by NSTAR 2017 will be of high relevance by strongly overlapping or directly impacting nearly all key research directions at Jefferson Lab from LQCD and JPAC to experimental efforts from Hall A to Hall D.

As leader of the Hall B group and CLAS and CLAS12 collaboration at the Thomas Jefferson National Laboratory I can offer my full and unconditional support to the above support application.

Sincerely,



Volker Burkert, Principal Staff Scientist  
Hall B Department Manager and Group Leader  
Jefferson Lab, Physics Division,  
email: burkert@jlab.org