

Moore, Marsha M.

From: Physics Faculty Forum <PHYSFACULTY-L@PO.MISSOURI.EDU> on behalf of Pfeifer, Peter
Sent: Tuesday, January 10, 2012 7:36 AM
To: PHYSFACULTY-L@PO.MISSOURI.EDU
Subject: 1) Chief Operating Officer at Fermilab; 2) Accelerator R&D Task Force
Attachments: Charge_for_Task_Force.pdf

Colleagues,

Please bring this opening to the attention of individuals who may be interested.

On a related note, you may be interested in the Accelerator R&D Task Force's request for input, below and attached.

Thanks,

Peter

>From: "Duncan, Robert V. (Vice Chancellor of Research)"
> <duncanrv@missouri.edu>
>To: "Dmitri A. Sergatskov" <dasergatskov@gmail.com>
>CC: "Pfeifer, Peter" <PfeiferP@missouri.edu>, "Prelas, Mark A."
> <PrelasM@missouri.edu>, "Butler, Ralph"
><ButlerRa@missouri.edu>, "Robertson,
> J. David" <robertsonjo@missouri.edu>, "Loyalka, Sudarshan K."
> <LoyalkaS@missouri.edu>, "OBrien, Michael J. (A&S Dean)"
> <ObrienM@missouri.edu>, "Justice, George" <justiceg@missouri.edu>
>Subject: Re: happy new year!
>Date: Tue, 10 Jan 2012 06:44:03 -0600
>
>Hi Dima,
>
>Happy New Year! It is great to be in touch again. Things are going very
>well here, and i hope things are going well for you at Fermilab.
>We are not located too far away now. Visit here anytime, and I will
>try to get by Fermilab again soon.
>
>The COO opportunity at Fermilab sounds very interesting. I will
>circulate it here in our physics department, at our Nuclear Science and
>Engineering Institute (NSEI), and at the MU Research Reactor (MURR).
>
>Best regards, and let's stay in touch, visit, etc.
>
>Rob
>
>*****
>R. V. Duncan, Ph.D.
>Vice Chancellor for Research

>Professor of Physics
>University of Missouri
>Cell: (505) 450-7480
>Office: (573) 882-9500

>
>

>On Jan 9, 2012, at 4:29 PM, "Dmitri A.
>Sergatskov" <dasergatskov@gmail.com> wrote:

>
>> Rob,
>>
>> Happy New Year!
>> Long time no see.
>> I hope it is going well with you.
>>
>> Do you know anyone who would be interested in:
>>
> > https://fermi.hodesiq.com/job_detail.asp?JobID=2751421
>>
>> Regards,
>>
>> Dima.

At 4:04 PM -0600 1/9/12, Linda Carlson wrote:

>Date: Mon, 9 Jan 2012 16:04:54 -0600
>From: Linda Carlson <carlson@aps.anl.gov>
>Reply-To: <carlson@aps.anl.gov>
>Organization: carlson
>To: Linda Carlson <carlson@aps.anl.gov>
>Subject: The Accelerator R&D task Force is seeking input from the user
>community

>

>Dear Colleagues

>

>Recent congressional language requested the Department of Energy to
>submit a ten year strategic plan. The language is replicated here:

>

>"The Committee understands that powerful new accelerator technologies
>created for basic science and developed by industry will produce
>particle accelerators with the potential to address key economic and
>societal issues confronting our Nation. However, the Committee is
>concerned with the divide that exists in translating breakthroughs in
>accelerator science and technology into applications that benefit the
>marketplace and American competitiveness.

>

>The Committee directs the Department to submit a 10-year strategic plan
>by June 1, 2012 for accelerator technology research and development to
>advance accelerator applications in energy and the environment,
>medicine, industry, national security, and discovery science. The
>strategic plan should be based on the results of the Department's

>

>2010 workshop study, Accelerators for America's Future, that identified
>the opportunities and research challenges for next-generation
>accelerators and how to improve coordination between basic and applied
>accelerator research.
>The strategic plan should also identify the potential need for
>demonstration and development facilities to help bridge the gap between
>development and deployment."
>
>In order to seek input from the community, Dr.
>Jim Siegrist, Associate Director of the Office of High Energy Physics
>has asked me to assemble a task force that will provide input to the
>process of developing this plan by February 1 (Charge letter attached).
>As the chair of the task force I am very interested in your views and I
>have created a blog to discuss them and at the same time make it a
>forum for exchange of opinions between the community and its customers.
>Our long term view is that the Accelerator R&D which is sponsored out
>of this office will serve "applications in energy and the environment,
>medicine, industry, national security, and discovery science ". The
>charge to the task force and various other pieces of information are
>available on a published at this
>website:
>https://slacportal.slac.stanford.edu/sites/ad_public/committees/Acc_Ran
>[dD_TF_Blog/default.aspx](https://slacportal.slac.stanford.edu/sites/ad_public/committees/Acc_Ran)
>
>Please forward this email to potentially interested agency and industry
>representatives.
>Communicate with us and help us to provide the best possible ideas in
>taking Accelerator R&D forward.
>
>With my best regards on behalf of Task Force members
>
>Norbert Holtkamp,norbert.holtkamp@slac.stanford.edu
>Task Force chair
>
>
>Task Force Members
>Biedron , Sandra Colorado State University Boeh, Lester / Zdasiuk,
>George / Clayton, Jim Varian Medical Systems, Inc.
>Gourlay, Stephen LBNL
>Hamm, Robert R&M Tech. Enterprises, Inc.
>Henderson, Stuart FNAL
>Hoffstaedter , Georg Cornell
>Holtkamp, Norbert - CHAIR SLAC
>Merminga, Lia TRIUMF
>Milton, Steve Colorado State Univ.
>Ozaki, Satoshi BNL
>Pilat, Fulvia Jlab
>White, Marion ANL
>Zisman, Michael DOE-HEP
>
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Department of Energy
Office of Science
Washington, DC 20585

NOV 9 2011

Dr. Norbert Holtkamp
Stanford National Linear Accelerator Center
Department AD ALD Office
2575 Sand Hill Road
Menlo Park, CA 94025

Dear Dr. Holtkamp:

The Department of Energy (DOE) Office of High Energy Physics (HEP) has for many years supported fundamental research and development (R&D) that enables the particle accelerator and detector technologies needed to fulfill its research mission. In recent years, it has become more widely appreciated that these technologies have broad applications beyond HEP research, and we are now exploring ways to improve the connections between our mission-oriented R&D and those applications that serve important national needs.

In that context, I am requesting that you chair a task force to provide key scientific and technical information on research opportunities that address the topics discussed in the report of the *Accelerators for America's Future* workshop (<http://www.acceleratorsamerica.org/>).

The information that you provide will be used as input for development of accelerator stewardship concepts—in consultation with other Office of Science programs. Particular information that we request includes:

1. a summary of costs and time scales for previous successful accelerator R&D efforts to help us assess future funding profiles;
2. identification of those research opportunities that might have strong potential for broad national benefits with relevance to the areas of energy and the environment, medicine, industry, national security, and discovery science, along with the reasons why you believe they do;
3. a summary, including an estimate (based on your knowledge and expertise) of the current scope of work, resources invested, and status of the key research and technology areas identified; and
4. identification of possible impediments (both technical and otherwise) to achieving successful demonstrations; in particular, note as appropriate the underlying fundamental science challenges that need to be addressed, and how these relate to use-inspired and applied R&D.

The choice of members for the task force is left to you. Emphasis should be on assembling a group of experts whose knowledge spans the fields and applications under study rather than

representing particular constituencies. Individual task force members should provide their own independent written input addressing the request above, but you can assign members to comment on particular topics as needed to ensure proper coverage of the relevant issues. Please supply the information you gather in writing to us by February 1, 2012. Dr. Michael Zisman from our office will be our liaison to the task force and will lead integration of the committee input into the DOE report.

Sincerely,

James Siegrist
Associate Director of Science
for High Energy Physics

cc:

Persis Dreil, SLAC
Pier Oddone, FNAL
David Nygren, LBNL
Harry Weerts, ANL
Steve Vigdor, BNL
Stuart Henderson, FNAL
Stephen Gourlay, LBNL