

External Evidence #1

From : "Alexander, Francis J" <fja@lanl.gov>
Sent: Saturday, September 18, 2010 12:17 pm
To: Kirk D Borne <kborne@gmu.edu>
Subject: Astroinformatics at LANL

Hi Kirk,

I'd like to thank you for the wonderful astroinformatics seminar you gave at Los Alamos this summer.

As director of LANL's Information Science and Technology Center, one of my goals is to further develop our broad set of informatics capabilities -- bionformatics, geoinformatics, materials informatics and, very importantly, astroinformatics. Although we've had an effort here in astroinformatics here for some time through the Thinking Telescopes project, your talk exposed a wider audience to the potential of this new field -- a field which you have helped pioneer.

In addition, I share your belief in the importance of machine learning to automated discovery in science and hope to be able to build on some of your existing work and work that you have proposed in this emerging area. Following our discussions at LANL I hope to be able to work with you in the future in this endeavor.

Sincerely,

Frank

Francis J. Alexander
Information Science & Technology Center Leader
And
Deputy Division Leader (Acting) Computer, Computational, and Statistical Sciences Division
fja@lanl.gov
Los Alamos National Laboratory
Los Alamos, New Mexico, 87545
(505) 665-4518 (office)

External Evidence #2

From: Sarah Duensing <sarahd@wolfram.com>
Sent: Wednesday, July 28, 2010 8:04 am
To: Kirk D Borne <kborne@gmu.edu>
Subject: Wolfram Data Summit 2010

Dear Kirk,

I'm writing to invite you to a unique new event that we are organizing this September in Washington, DC.

In almost any domain, there are a few central repositories of data, maintained by national or international agencies, companies, organizations, or individuals.

We are organizing the Wolfram Data Summit to bring together key people responsible for these repositories and the methods surrounding them.

The Wolfram Data Summit will be a 2-day event with presentations from attendees, discussions, and keynotes.

It is a free, invitation-only event, sponsored by Wolfram Research as a service to the worldwide data community.

For more information about the event, see: <http://wolframdatasummit.org>

The event will take place at:
The Fairmont Hotel, Washington, DC
Thursday, September 9 - Friday, September 10, 2010

I hope you will be able to join us for the first Wolfram Data Summit this September.

Space will be limited at the event, so we encourage you to let us know as soon as possible whether you will be able to attend.

Sincerely,

Jean Buck
Director of Computable Data Initiatives
Wolfram Alpha

External Evidence #3

From: Tara Murphy <tara@physics.usyd.edu.au>
Sent: Sunday, July 18, 2010 1:59 am
To: Kirk D Borne <kborne@gmu.edu>
Subject: Informatics teaching

Hi Kirk,

I am emailing to thank you for the excellent resources that you have developed for Informatics teaching.

I am also involved in teaching Informatics (an introduction to information technology) for science and computer science students at The University of Sydney. I also teach Computational Science to physics, chemistry and biology students; and Engineering Computing - a compulsory unit for chemical, civil and mechanical engineers. All of these courses are aimed at first year undergraduate students.

Earlier this year I chaired a review of the role of computing in the undergraduate physics syllabus. I used your courses as exemplars of this kind of teaching - which places core computer science concepts in a practical context. They are great examples of the new era of informatics-style courses that are emerging, partly as a response to the new focus on data-driven research.

I have been aware of your leadership in this area since 2008 when I developed a postgraduate training workshop - the 'Astroinformatics School' - which is attended by approximately 50 students and postdoctoral researchers a year within the Australian astronomy community. I found your material very valuable when researching possible focus areas for this workshop.

It is always enjoyable to meet other people who are interested in excellence in teaching. I hope to expand my courses in the future, and look forward to discussing the challenges of teaching IT in a science context,

Tara

DR TARA MURPHY | Lecturer in Astroinformatics
Sydney Institute for Astronomy | School of Physics | Faculty of Science
School of Information Technologies | Faculty of Engineering and IT

THE UNIVERSITY OF SYDNEY

Room 565, School of Physics, A28 | Room 448, School of IT, J12
The University of Sydney | NSW | 2006
E tara@physics.usyd.edu.au | E tm@it.usyd.edu.au

External Evidence #4

From: ICiS Director <director@icis.anl.gov>
Sent: Monday, July 5, 2010 10:33 am
To: kborne@gmu.edu
Subject: ICiS Workshop Invitation: Future of the Field

Dear Kirk:

We would like to invite you to participate in a small workshop to discuss the future of the field of computing in science. The meeting will take place this summer at Snowbird from July 24 to July 31. The goal of this gathering is to bring together a diverse set of viewpoints to consider the most important scientific questions of our time and the role that computing and technology might play in advancing their solution.

Unlike the meetings and workshops we all frequently attend to help agencies plan their programs, this meeting is not aimed at advancing an agency agenda; instead, it is focused on taking a fresh look at the most important and interesting questions independent of their mapping to agencies or federal agencies. We are most interested in those problems that thought leaders in the community believe to be the most significant from a scientific or societal perspective.

We also want to think long term. Each day will feature several in depth talks from members of 'the group, with ample time for group discussion, debate, and spontaneous talks. The attendees will include a mixture of domain scientists and technologists all of whom are distinguished in their areas of expertise. We hope that the workshop will be an inspiring event and will help us produce a roadmap of ideas that will help guide the development of long term programs at the newly formed, DOE supported Institute for Computing in Science (ICiS). You can read more about the institute at <http://www.icis.anl.gov/>.

If you are interested in attending, please register at <<http://www.icis.anl.gov/programs>> select Future of the Field and apply to attend so we can contact you about the workshop logistics and reserve your slot. We have space for a total of 30 participants and we can provide financial support for travel, meals and lodging. If you are interested but cant attend the whole week, please let us know when you can come and we will try to make an accommodation.

On behalf of the ICiS Steering Committee,

Fred Streitz and Andy White

For Ian Foster, Bill Gropp, Doug Kothe, Robert F. Lucas, Rob Schreiber, Horst Simon, Rick Stevens, Fred Streitz, Alex Szalay, Andy White

External Evidence #5

From: John Bent <johnbent@lanl.gov>
Sent: Tuesday, May 11, 2010 5:03 pm
To: Kirk Borne <kborne@gmu.edu>
Cc: Gary Grider <ggrider@lanl.gov>, James Nunez <jnunez@lanl.gov>, Meghan Wingate <meghan@lanl.gov>
Subject: Invitation to speak at HEC-FSIO August 2nd, 2010 in Arlington, VA

Hello Dr. Borne,

My name is John Bent. I have been working on large storage systems at Los Alamos National Lab. Before that I was a student at Wisconsin working with Remzi, Andrea, and Miron.

I am writing to invite you to be an invited speaker at this year's HEC-FSIO workshop in Arlington, VA on August 2nd. HEC-FSIO is an inter-agency governmental working group tasked with guiding file systems and IO research through the allocation of government grants. We have a yearly workshop where we review the current projects and identify remaining challenges and neglected areas. Invited speakers play a vital role by helping with this identification as well as by infusing fresh perspectives. We would be honored if you would be one of this year's speakers. Our theme this year is whether exascale will force radical paradigm shifts or can be addressed merely with incremental measures. We suspect the former.

Here's a list of our currently funded projects:

http://institute.lanl.gov/hec-fsio/rande/HECURA_Abstracts-2009.php

Many of the PI's will be speaking throughout the workshop which runs from August 2nd to August 4th. Although we believe your talk is best suited for the first day of the workshop on August 2nd, of course we'd be happy to schedule it on August 3rd or August 4th if that is more convenient for you.

--

Thanks,

John

External Evidence #6

From: Bob Mann <rgm@roe.ac.uk>
Sent: Thursday, May 6, 2010 11:16 am
To: kborne@gmu.edu
Subject: e-Science Institute theme

Kirk,

My apologies for the silence regarding your possible visit to Edinburgh in conjunction with the e-Science Institute Theme on "Next generation sky surveys". Our Theme got put on hold when the STFC budget cut announcements sent the UK astronomical community into paralysis in the second half of last year, and we had to wait a long time to get approval from eSI for a request that we be awarded an extension to make up for the time we lost then. That has been approved, so the Theme will now run until the end of December, and I'd be keen to see if we can resurrect the idea of you visiting Edinburgh in conjunction with one of the remaining workshops. In particular, we are planning a workshop on machine learning and sky surveys, and it would be really great if you were interested in participating in that, and, ideally, helping pull it together: we have some flexibility in the dates, but we're currently thinking about the start of December, which could make it a timely follow-on to your astroinformatics meeting at Caltech in June, pulling further UK/European people into the picture.

What do you think? - as I say, the exact dates are flexible, so it would be good to know how your diary is looking for the end of the year, and I hope that we can fix something up: as before, we can cover the full cost of your trip.

I'm sorry that I won't be able to attend your Caltech meeting. It looks really interesting, but I'm afraid that family commitments mean I can't attend.

Hope all is well with you, and sorry again that all went quiet on this for such a long time.

Bob

> ----- Original Message -----
> From: Bob Mann <rgm@roe.ac.uk>
> Date: Wednesday, October 15, 2008 6:16 pm
> Subject: eSI theme proposal
>>
>> Hi Kirk,
>>
>> Please find attached a draft of a proposal for a
>> year-long theme of events at the e-Science Institute here

>> in Edinburgh on "Next generation sky surveys: astronomical
>> opportunities and computational challenges", which I'm
>> putting together, along with Richard McMahon and Bob Nichol.
>> One of the proposed strands is on data analysis, so it would
>> be great to have you involved. These themes are well funded,
>> so we will be able to fund the attendance of a lot of the
>> workshop speakers, if you fancy a visit to Edinburgh - the
>> exact plans are a little vague, but the theme would be likely
>> to run for a year from May/June 2009.

>>

>> Anyway, I hope that you'd like to be involved. All
>> we need at this stage is a "yes, I'd probably like to attend
>> one of the workshops", but I'm afraid we need that by *this
>> Friday* - sorry for the rush, but I've been off work sick.

>>

>> cheers

>>

>> Bob

>> =====

>> Bob Mann	Tel: +44-131-668-8338
>> Institute for Astronomy	Fax: +44-131-668-8416
>> University of Edinburgh	Email: rgm@roe.ac.uk
>> Royal Observatory	
>> Blackford Hill	
>> Edinburgh EH9 3HJ	

External Evidence #7

From: David Keyes <david.keyes@kaust.edu.sa>
Sent: Tuesday, March 30, 2010 8:36 pm
To: Kirk D Borne <kborne@gmu.edu>
Subject: message

Dear Kirk,

Regarding a follow-on proposal, don't hesitate to contact me or Professor Jason Nieh, who would do the software part of the recommender systems. Professor Simon Billinge of Columbia Applied Physics is the applications expert. I am mainly a broker at this point!

Regarding a speaking invitation to KAUST, we'll go slow on that and wait for the right occasion, when I can feature data-enabled science in some coordinated sense. KAUST does not do astronomy. Obviously, your talk is pearls of wisdom that transcend astronomy, but we'll wait for an occasion that is scientifically worthwhile for you, in terms of a workshop. There may be a growth in large-scale computing activities here in the coming year.

All the best,

David

David Keyes <david.keyes@kaust.edu.sa>
Dean, Division of Mathematical and Computer Sciences & Engineering
Named Professor, Applied Mathematics and Computational Science
King Abdullah University of Science and Technology (KAUST)
<http://www.kaust.edu.sa/academics/faculty/keyes.html>

External Evidence #8

From: Jim Berger <berger@stat.duke.edu>
Sent: Monday, March 8, 2010 0:15 am
To: Kirk D Borne <kborne@gmu.edu>
Subject: MPSAC - Data-Enabled Science

Dear Prof. Borne;

There has been an initiative percolating within the Math and Physical Sciences Division of NSF on "Data-Enabled Science" and MPS would like to bring together 10 people - two representing each division of MPS - to prepare a small white paper that could be used to help move the initiative forward. They, indeed, hope the white paper can be presented to the MPS Advisory Committee at its meeting on April 1-2.

Their "charge" for the workshop is attached. The workshop will be held on March 29-30, at NSF, finishing with a draft white paper by noon on the 30th, for lunch with the MPS Director.

Sorry for the late notice (this is a fast developing initiative), but it would be great if you could participate in the workshop! Expenses would, of course, be covered.

Let me know if this looks feasible for you.

Thanks and Best Wishes,

Jim

James Berger
Member of MPS Advisory Committee
Director of SAMSI

External Evidence #9

From: John May <johnmay@llnl.gov>
Sent: Thursday, January 7, 2010 7:32 pm
To: Kirk D Borne <kborne@gmu.edu>
Subject: Salishan invitation

Kirk --

You and I communicated about a year and a half ago when you submitted an abstract for the workshop on Computing with Massive and Persistent Data.

Now I am on the organizing committee of another event, which is somewhat bigger and more prestigious. It's called the Salishan Conference on High Speed Computing, and each year we focus on a different topic in HPC. This year, we are focusing on informatics, and we are interested in having some talks on applications that present big data-analysis challenges. Your work data analysis for astrophysics seems like a natural fit, so I'd like to see if you'd be interested in coming and giving a talk.

The conference is an invitation-only event that includes about 160 participants from government, academia, and industry. The goal of the event seek to bring together leading researchers and policymakers for three days of technical talks and informal discussions. The benefit to you would be the opportunity to interact with leaders in HPC in an informal environment and to hear about a broad range of work. The conference is held at the Salishan Resort on the Oregon coast, about 2.5 hours from Portland. The dates of the event are April 26-April 29, 2010. You can get an idea of the format of the event from the programs from the past few years:

<http://www.llnl.gov/orgs/hpc/salishan/>

Please let me know at your earliest convenience if you are interested in participating or would like more information.

Best regards...

John May

Salishan 2010 Theme: Tackling Big Data: HPC Approaches to Informatics

External Evidence #10

From: "Howard E. Bond" <bond@stsci.edu>
Sent: Friday, December 11, 2009 12:48 pm
To: Kirk Borne <kborne@gmu.edu>
Subject: invitation to contribute to Planets, Stars, and Stellar Systems

Dear Kirk,

I am sure you are familiar with the classical "Stars and Stellar Systems" books, published more than four decades ago by the University of Chicago Press. That series had, in its day, a major impact on the development of astronomy and astrophysics.

A modern-day successor to the venerable Stars and Stellar Systems series is now being planned, to be entitled "Planets, Stars, and Stellar Systems." The new name reflects the inclusion of a volume on solar-system and extrasolar planetary science, in addition to three volumes in the traditional areas of stellar, galactic, and extragalactic astronomy. There will also be two volumes on instrumentation and astronomical techniques and data. The series will be published by Springer Science+Business Media. The Editor-in-Chief is Prof. Terry Oswalt (Florida Institute of Technology).

Volume 2 of the new series will be entitled "Astronomical Techniques, Software, and Data," and I will be the Editor of this volume.

I am writing to invite you to contribute a chapter to Vol. 2, with a proposed title of:

"Virtual Observatories"

Like the original Chicago series, Planets, Stars, and Stellar Systems is intended to be a comprehensive reference work on modern astronomy, for use at the level of graduate students in astronomy and astrophysics. Each chapter should introduce a relatively well-defined area of astronomy, including astronomical instrumentation, observational and analysis techniques, astronomical data, and the primary scientific issues in astrophysics at the beginning of the second decade of the 21st century.

In Vol. 2, a typical chapter will provide entry-level guidance to a person at the graduate-student level who wants to carry out observations and/or data reductions, or retrieve and analyze astronomical data. The goal is not necessarily to provide a cookbook for actually accomplishing such tasks, but to provide an introductory overview, the basic principles of the techniques, and a guide to locating the actual resources or detailed procedures.

Planned as a six-volume set, Planets, Stars, and Stellar Systems will comprise approximately 120 chapters. Further information about the series is available at the project website (<http://refworks.springer.com/sss>), which will be updated as the project develops. The website includes detailed guidelines for authors.

Because of your knowledge and expertise in the subject proposed above, I hope that you will agree to contribute an article. Chapter length will be dictated by the scope of the subject, but may be up to ~40 printed pages (~20,000 words). We are hoping to have the submissions completed within 4-6 months.

Upon your acceptance to write, Springer will send you a formal invitation, including more specific instructions, and a contract. As recognition of your contribution, you will receive free access to the online version of the series.

We very much look forward to working with you on this project, and hope to hear from you soon. Of course, we would be happy to answer any questions you may have about the project and your role in it.

best regards,

Howard E. Bond
Editor, Vol. 2 of Planets, Stars, and Stellar Systems

Addendum:

Planets, Stars, and Stellar Systems

Volume titles and Editors

Editor-in-Chief: T. Oswalt

1. Telescopes and Instrumentation (I. McLean)
2. Astronomical Techniques, Software, and Data (H. E. Bond)
3. The Solar System and Extrasolar Planetary Systems (L.French & P.Kalas)
4. Stellar Structure & Evolution (M. Barstow)
5. Stellar Systems and Galactic Structure (G. Gilmore)
6. Extragalactic Astronomy and Cosmology (W. Keel)

External Evidence #11

From: Kirk D Borne <kborne@gmu.edu>
Sent: Friday, December 11, 2009 10:26 am
To: msummers@gmu.edu , dpapacon@gmu.edu , pbecker@gmu.edu , ...
Subj: LSST Informatics and Statistics Science Collaboration has been approved

It is now official and it is the first time such a proposal
has been approved

- Kirk, Chair of the LSST Informatics and Statistics Science Collaboration

~~~~~

December 8, 2009

Your application, Proposal for an LSST Informatics and Statistics  
Science Collaboration, to form a new LSST Science Collaboration  
has been accepted. The proposals were assessed by a panel of  
independent reviewers -- their comments are attached.

This is the first proposal cycle in which we have accepted a new  
collaboration. Michael Strauss <strauss@astro.princeton.edu>,  
Chair of the LSST Science Collaborations, will be in contact with you  
to begin the work of integrating your collaboration into the LSST  
project and the other science collaborations. The LSST project has  
recently completed the "LSST Science Book" (see arXiv:0912.0201) with  
detailed and quantitative explication of the science opportunities  
that LSST will enable. You may want to direct the members of your  
collaboration to this document. We look forward to working with you.

Yours sincerely,

Tod R. Lauer (NOAO)  
Chair, LSST Science  
Collaboration Review

J. Anthony Tyson,  
Director LSST

Cycle 2 LSST Science Collaboration Review Comments:

The panel strongly endorses this application for a new collaboration  
for LSST. There will be tremendous benefits to the project from  
sophisticated and modern statistical analyses. The management plan  
is clear and well defined and the contributions to the other  
collaborations will be valuable. There is clear enthusiasm on the part  
of the collaboration members for the project as evidenced by their  
already extensive work.

~~~~~

External Evidence #12

From: jhilbe@aol.com
Sent: Monday, November 23, 2009 1:28 pm
To: kborne@gmu.edu
Subj: International Statistical Institute (ISI) Astrostatistics committee executive board

Kirk:

The ISI executive committee is meeting next week at ISI headquarters in The Netherlands. On the agenda is a proposal for the approval of an ISI Astrostatistics committee. There is no other astrostatistics committee or subcommittee under the scope of a statistical or astronomical association or society.

President Jef Teugels is favoring the proposal and will be presenting it to the full executive committee. I would like to invite you to be a member of the initial executive board.

The stated goal of the astrostatistics committee is to foster collaboration between astronomers/astrophysicists and members of the global statistical community who have an interest in astronomical research. initially our task is to advise all interested parties of our existence. Robert Williams, President of the International Astronomical Union, advocates our efforts and will be making our committee known among members of the IAU. Thomas Loughin, Chair of the Section on Physical and Engineering Sciences under the American Statistical Association is also an advocate of our efforts, and will be announcing our existence to Section membership. He has also invited me to make a presentation regarding our committee to the section membership at the next ASA Joint Statistical Meetings in Vancouver. I have also been in touch with David van Dyke, Chair of the California-Harvard AstroStatistics Collaboration (CHASC), who also advocates our goals. I am hoping that we can work together in fostering the goal of collaborative research.

Our next general meeting will be at the 2011 ISI World Congress of Statistics in Dublin, where we can discuss future goals, the possible sponsoring of a Journal of Astrostatistics, and election of officers. Wiley has expressed a strong interest in publishing such a journal when we are prepared.

Please let me know as soon as possible if you agree to be part of our board and efforts.

Best, Joseph M Hilbe (Joe)
Chair, ISI Astrostatistics Interest Group
Statistics, SSFD, Arizona State University, and
SSA Program, Jet Propulsion Laboratory, Caltech

External Evidence #13

http://policechiefmagazine.org/magazine/index.cfm?fuseaction=display_arch&article_id=1942&issue_id=112009

From: Colleen McCue <colleen@mc2solutions.net>
Sent: Wednesday, October 14, 2009 11:29 am
To: kborne@gmu.edu
Subject: Scientific Data Mining: Digging for Nuggets

Dear Dr. Borne,

I am writing to you completely out of the blue because a journal editor added your 2006 lecture entitled, "Scientific Data Mining: Digging for Nuggets" to a paper that I wrote that will be coming out next month in the Police Chief magazine. While this might seem to rather odd given your area of expertise, the editor selected your lecture as a reference for Walmarts finding that hurricanes and strawberry pop-tart purchases are related, which you cited in your lecture.

I must admit that I was curious and looked at the deck that you have posted -- it's a great lecture and I'm glad that they added it. Ordinarily, I wouldn't have felt compelled to write but a couple of years ago I was involved in a proposal team that was responding to an RFP soliciting novel ways to promote disruptive innovation in intelligence analysis. Development in that area tends to lean heavily on the financial and telecoms domains -- methodologies which then are translated to the applied public safety and national security environment -- however, there was a sense that other scientific realms could provide similar, invaluable contributions to intelligence analysis. In doing background research for the proposal I found that scientists working in large database astronomy and astrophysics dealt with some of the same challenges that we face and suggested that this might represent the unique collaboration that could support the type of disruptive innovation that the government was seeking. We didn't win the proposal and I didn't give it much thought until the editor included your citation, but your deck reinforced my idea that the problem spaces share some similarities.

Again, your lecture is very good. Perhaps, its inclusion in the paper will prompt others to see the connections between these two fields and pursue novel solutions to some of our more challenging analysis problems.

Best,
Colleen

Colleen McCue, PhD
President & CEO
MC2 Solutions, LLC
www.mc2solutions.net

External Evidence #14

From: Ray.Norris@csiro.au
Sent: Tuesday, March 24, 2009 6:07 am
To: kborne@gmu.edu
Subject: Election of new officers of International Astronomical Union Comm 5

Dear Kirk

Bob Hanisch has nominated you as vice-president of IAU Commission 5 (Data and Documentation - see email below). While you are perfectly entitled to stand as VP right now, may I suggest that, if you're interested, you may prefer to stand initially as a member of the Organising Committee (OC) (so you know what's involved in being VP and then President), and then in 3 years time stand for VP? So I'd strongly encourage you to stand for the OC of Comm 5.

Are you willing to stand for nomination, either as VP or member of the OC, or both? If so, please could you send me within the next day or two a paragraph or two about yourself?

Many thanks

Ray

Ray Norris
CSIRO Australia Telescope National Facility
PO Box 76, Epping, NSW 1710, Australia
Phone +61 2 9372 4416
<http://www.atnf.csiro.au/people/RNorris/>

-----Original Message-----

From: Norris, Ray (ATNF, Marsfield)
Sent: Monday, 16 March 2009 16:05
Subject: Election of new officers of Comm 5

Dear member of IAU Commission 5

The time has come to elect new Officers of IAU Commission 5. This email is NOT asking for your vote, but is asking for additional nominations for the IAU Commission 5 Organising Committee (OC).

We currently have two nominations for Vice President: Bob Hanisch and Oleg Malkov. Vice Presidential candidates should normally have been members of the OC (so that they are familiar with the Commission activities), and these are the only two current OC members who have agreed to be nominated.

There are eight positions on the OC, two of which are occupied by the President and Vice-President, leaving six available positions to be filled.

Current nominees for these six positions are:

Bob Hanisch (USA, chair WG VO, co-chair WG libraries)

Uta Grothkopf (Germany, ex-co-chair, WG libraries)

Xu Zhou (China)

Marsha Bishop (USA, co-chair of WG libraries)

Thomas McGlynn (USA)

So I invite your nominations (self-nominations are welcome) for positions on the Commission 5 Organising Committee. If you wish to nominate someone, please could you (a) email me within 1 week (i.e. by Monday 23 March), and (b) ask the person you are nominating to send me a paragraph or two describing themselves. This will be distributed to Comm 5 members when votes are requested.

Many thanks

Ray Norris

External Evidence #15

REFERENCE: <http://classweb.gmu.edu/kborne/CWA-Invitation-letter-KirkBorne.pdf>

From: Albert Mons <amons@conceptweballiance.org>
Sent: Saturday, March 21, 2009 1:49 am
To: "Kirk@GMU" <kborne@gmu.edu>
Subject: Invitation inaugural meeting Concept Web Alliance
Attachments: CWA-Invitation-letter-KirkBorne.pdf 91K

Dear Kirk,

It has been a while since we talked, but the approach to data harmonization and information overload we discussed has progressed into forming a global alliance. Please find attached an invitation on behalf of the Concept Web Alliance initiating group.

Sincerely,

Albert

Albert Mons
Concept Web Alliance
M +31 6 225 25338 (NL)
M +1 518 3680542 (USA)
E amons@conceptweballiance.org

External Evidence #16

From: Robin Shoop <rshoop@andrew.cmu.edu>
To: Kirk D Borne <kborne@gmu.edu>
Date: Monday, December 15, 2008 9:17 am
Subject: terraforming

Hi Kirk,

I was given your name as an expert! You are widely known for many things.

I direct an outreach called the Robotics Academy at Carnegie Mellon. We produce educational materials for traditional and non-traditional education, www.education.rec.ri.cmu.edu We are currently working on a summer camp theme called terraforming. It is designed to be activity based and uses imagination, fun, and LEGO to excite kids about science. We are close to completing our project and want to produce a short (3-5 minute video) on what terraforming is. The video will be light, use levity when possible, but introduce students to the concept of terraforming. Here is an example video of the type of video that we imagine:

http://www.education.rec.ri.cmu.edu/previews/nxt_products/robotics_eng_vol_2/preview/content/projectplanning.html

I volunteered at Wheeling Jesuit Colleges FIRST LEGO League competition on Saturday and was given your name as an expert. I would like to talk with you before we produce this video if your time allows you. If not, can you point us to any resources that you might know about on terraforming; either a person or website.

Currently the project looks like this:

<http://www.education.rec.ri.cmu.edu/stage/terraformers/>

You will find the story line when you click the button called Entrophy We are completing the four training planets over the next week; NEOS, XENON, HYDRA, and VULCAN. The actual game day challenge is at PANTHEON. That is where most of the meet of the weeklong summer activity is.

We want to place the actual Terraforming video at the Terraforming link on the Entrophy button.

Thanks for your consideration,

Robin

Robin Shoop
Carnegie Mellon Robotics Academy
Pittsburgh, Pennsylvania 15201
phone: 412-681-7160
fax: 412-681-6961
<http://www.education.rec.ri.cmu.edu>

External Evidence #17

From: Ashish Mahabal <aam@astro.caltech.edu>
Sent: Monday, October 6, 2008 11:54 pm
To: Kirk D Borne <kborne@gmu.edu>
Subject: Re: Workshop on Machine Learning Methods in Astronomy (India)

Hello Kirk,

It would have been good to have you as a speaker. I guess next time.

Cheers, ashish

On Mon, 6 Oct 2008, Kirk D Borne wrote:

> Thank you very much Ashish for the invitation. I am tremendously interested
> in this, and I think it is a wonderful idea. Unfortunately, I have no
> travel funds now. It will be impossible for me to get funds for a trip to India.
> I am sorry. I definitely wish that I could attend.

>

> ----- Original Message -----

> From: Ashish Mahabal <aam@astro.caltech.edu>

> Date: Saturday, October 4, 2008 11:51 am

> Subject: Workshop on Machine Learning Methods in Astronomy (India)

>>

>> Hi Kirk,

>>

>> It is planned to hold a workshop on machine learning between Jan 19 and 23 2009
>> targetted towards researchers who wish to use or are already using machine
>> learning tools for their research in Astronomy.

>>

>> The expected number of participants is 30-40. The workshop will include a set
>> of introductory lectures and also a few demos/practical sessions. There may be
>> a few participants who are not in astronomy but use machine learning elsewhere.
>> The venue will be the southern state of Kerala, the land of backwaters and
>> mountains. The actual campsite is at Tiruvalla about 130Km south of Cochin
>> International Airport (see <http://macfast.org/>). The workshop will be held with
>> support from IUCAA (<http://www.iucaa.ernet.in>).

>>

>> I am part of the scientific organizing committee and would like to invite you
>> to consider going. Free local hospitality within India will be provided,
>> and in some cases travel within India will be paid for. You can suggest topics
>> of your choosing and we can then try to come up with a coherent plan.

>>

>> Cheers, ashish

>> Ashish Mahabal, Caltech Astronomy, Pasadena, CA 91125

External Evidence #18

From: "Jiao Yu" <jiaoy@ornl.gov>
Sent: Friday, August 22, 2008 11:32 am
To: kborne@gmu.edu
Subject: invitation to speak at the DOE DSPC conference

Hi Kirk:

This is Cathy Jiao from ORNL. I attended your talk at the DOE Mathematics for Peta-scale Data Analysis workshop in June. I really enjoyed your talk. Brian Worley is the director of the Computational Sciences and Engineering division at ORNL. He is hosting a session entitled "Knowledge Discovery thru Data Analytics at this year's conference on "Delivering Science on Petascale Computers (<http://www.ccs.ornl.gov/workshops/FallCreek08/>)."

We would like to invite you as one of the session speakers if you are available and interested. The conference is being held at Montgomery Bell State Park Sept 7-10, 2008. That particular session will be held at 8:30 am on Tuesday, September 9. If you could let us know if you could participate as a speaker at your earliest convenience that would help my planning activities.

Sincerely,

YU (CATHY) JIAO, Ph.D.
Research Scientist
Computational Sciences and Engineering Division
Oak Ridge National Laboratory
Oak Ridge, TN 37831, USA
Telephone: (865)-574-0647
Email: jiaoy@ornl.gov

From: "McCoy Debbie D." <mccoydd@ornl.gov>
Sent: Wednesday, August 27, 2008 3:12 pm
To: "kborne@gmu.edu" <kborne@gmu.edu>
Subject: Invitation to 2008 Fall Creek Falls Conference "Delivering Science on Petascale Computers," Sept.7-10, Montgomery Bell State Park

Dear Dr. Borne:

You are invited to participate in the 2008 Fall Creek Falls Conference, "Delivering Science on Petascale Computers," September 7-10, at the Montgomery Bell State Park (<http://state.tn.us/environment/parks/MontgomeryBell/>).

Major elements of the conference program are organized around in-depth panel discussions of challenges of delivering breakthrough science on petascale computing

resources. As with previous conferences, the 2008 meeting will gather leading scientists to speak and to serve on panels to ensure lively discussion. Each session will begin with a plenary overview followed by three domain science talks followed by a moderated panel session. Each panelist will be invited to present short-format presentations within his/her area of expertise. Sessions for 2008 are climate, energy, hardware, software, and physical sciences.

The Fall Creek Falls Conference was founded in 2003 as a means for leading experts in computer architectures, languages, algorithms, and operations to meet with colleagues in high-priority computational science research to develop collaborations, to solve scientific problems of national interest, and to provide effective leadership in high-end, unclassified scientific computing. Attendance at the conference is by invitation. Participation is limited to no more than 125. Invitees are from national laboratories, academia, government, and private industry. The objective is to keep the conference small to preserve the level of interaction and discussion among attendees.

We look forward to receiving your acceptance and completed registration.

Best regards,

Debbie McCoy for Thomas Zacharia
Computing and Computational Sciences Directorate
Oak Ridge National Laboratory
P. O. Box 2008
Oak Ridge, TN 37831-6153
<http://www.computing.gov>

External Evidence #19

From: Jorge Mor <more@mcs.anl.gov>
Sent: Monday, July 7, 2008 4:19 pm
To: kborne@gmu.edu
Subject: Plenary presentation at the DOE Applied Mathematics PI Meeting

Hi,

I would like you to present a plenary presentation at the DOE Applied Mathematics PI Meeting that will be held October 15-17, 2008, at Argonne National Laboratory. I am the chair of the organizing committee.

This meeting will bring together the PIs, co-PIs, and postdoctoral researchers in the DOE Applied Mathematics research program. We expect to have about 160 researchers in attendance.

The purpose of these PI meetings is to exchange information and foster interaction in the applied mathematics program. This year's theme areas include uncertainty quantification/sensitivity analysis, optimization of complex systems, linear and nonlinear systems, multiscale phenomena, and discrete methods.

We are inviting a select group of researchers to present plenary presentations that will outline important research areas. The analysis of petascale data is one of the issues that we have identified.

Can you let me know if you can accept this invitation?

If you want more information on the meeting, please let me know. Also, you may want to take a look at the web site for the meeting at www.mcs.anl.gov/amr08

Best wishes,

Jorge

External Evidence #20

From: Hillol Kargupta <hillol@cs.umbc.edu>
Sent: Tuesday, November 13, 2007 11:03 pm
To: Kirk D Borne <kborne@gmu.edu>
Subject: NGDM Book: Invitation for Book Chapter

Dear Kirk,

Selected papers from the NGDM'07 symposium will be published in the form of an edited book. More particulars about the book are given below:

Title: Next Generation of Data Mining
Editors: Hillol Kargupta, Jiawei Han, Philip Yu, Rajeev Motwani, Vipin Kumar
Publisher: CRC Press

We would like to invite you to submit an extended version of your paper as a chapter in the book. The chapter should not be any longer than twenty book pages. All book chapters will go through a peer-review process before publication. Here is the schedule for the publication:

1. Confirmation from the Authors: November 20, 2007
2. Submission of the chapters: January 20, 2008
3. Final Decisions: February 29, 2008
4. Camera-ready version due: March 20, 2008
5. Book release: Summer of 2008.

If you can do it please let us know by November 20, 2007.

Regards,

Hillol Kargupta, University of Maryland, Baltimore County
Jiawei Han, University of Illinois at Urbana-Champaign
Philip Yu, IBM T. J. Watson
Rajeev Motwani, Stanford University
Vipin Kumar, University of Minnesota