

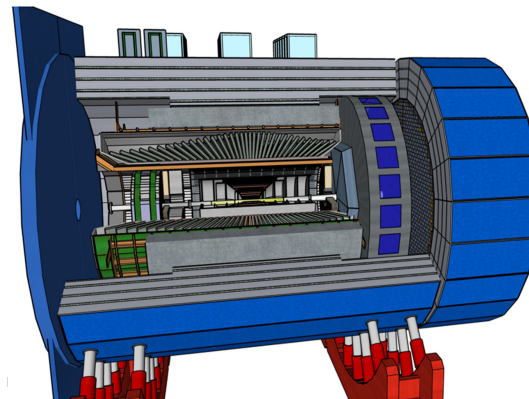
# Detector 1 Convener Meeting Updates and Survey Analysis

Bernd Surrow



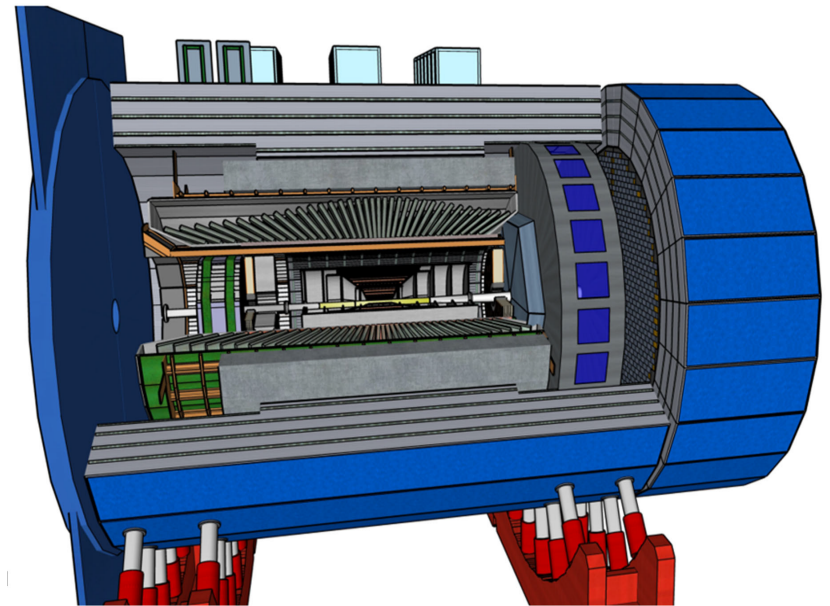
On behalf of the Detector 1 Steering Committee (SC)

Silvia Dalla Torre, Or Hen, Tanja Horn, John Lajoie, and Bernd Surrow



# Outline

- Convener Meeting Agenda Overview
- Updates: Contact Information / Name
- EICUG Agenda / Registration
- Reminder: Timeline / Decision-making process
- Survey analysis and Tools





# Convener Meeting Agenda Overview

## WG Convener Meeting ✎

📅 Friday Jul 1, 2022, 10:30 AM → 12:50 PM US/Eastern

**Description** ZOOM link: Click here [https://temple.zoom.us/j/99946695684!](https://temple.zoom.us/j/99946695684)

Meeting ID: 999 4669 5684

10:30 AM → 11:00 AM	<b>Introduction and Release of Survey Information</b>	🕒 30m <span style="float: right;">✎</span>
<b>Speakers:</b> Bernd Surrow (Temple University) , John Lajoie (Iowa State University) , Or Hen (MIT) , Silvia Dalla Torre (INFN, Trieste) , Tanja Horn (Cath)		
11:00 AM → 11:45 AM	<b>WG Conveners</b>	<span style="float: right;">✎</span>
11:00 AM	<b>Simulation QA Status Update and Plans</b>	🕒 45m <span style="float: right;">✎</span>
<b>Speakers:</b> Joe Osborn (Oak Ridge National Laboratory) , Wenliang Li (Stony Brook University CFNS) , Wouter Deconinck (University of Manitoba) , Zhoudunming Tu (BNL)		
11:45 AM → 12:30 PM	<b>Q&amp;A</b>	<span style="float: right;">✎</span>
11:45 AM	<b>Q&amp;A</b>	🕒 45m <span style="float: right;">✎</span>
<b>Speakers:</b> Bernd Surrow (Temple University) , John Lajoie (Iowa State University) , Or Hen (MIT) , Silvia Dalla Torre (INFN, Trieste) , Tanja Horn (Cath)		



# Updates: Contact Information

Please submit your institutional contact information for your group members:

<https://forms.gle/MufVvwuSdk9g14tL8>

The screenshot shows a Google Form interface. At the top is a green header with icons for communication. The main title is "EIC Detector-1 Collaboration Contact Information". Below the title is a description: "This form will be used to collect contact information from EIC Detector-1 collaboration members." At the bottom, it shows the user's email as "tue59914@temple.edu (not shared)" with a "Switch account" link and a cloud icon. A red asterisk and the word "Required" are visible at the bottom left of the form area.



# Updates: Collaboration Name

Please submit your  
suggested  
collaboration name:

[https://forms.gle/  
P49JYKdya8U3u8Sd8](https://forms.gle/P49JYKdya8U3u8Sd8)

## EIC Detector-1 Collaboration Name

Please enter your suggestion for the EIC Detector-1 Collaboration name below.

Names previous or existing collaboration (or proto-collaborations) will not be accepted. In addition, suggested names should be in good taste, and not offensive.

If the name is an acronym, please include the full name as well as the acronym. For example:

BIGDOG - Bodacious Idiosyncratic Gamma Delta Occipital Generator

tue59914@temple.edu [Switch account](#)



\* Required

Email \*

Your email

What is your suggestion for the EIC Detector-1 Collaboration name?

Your answer

Submit

Clear form

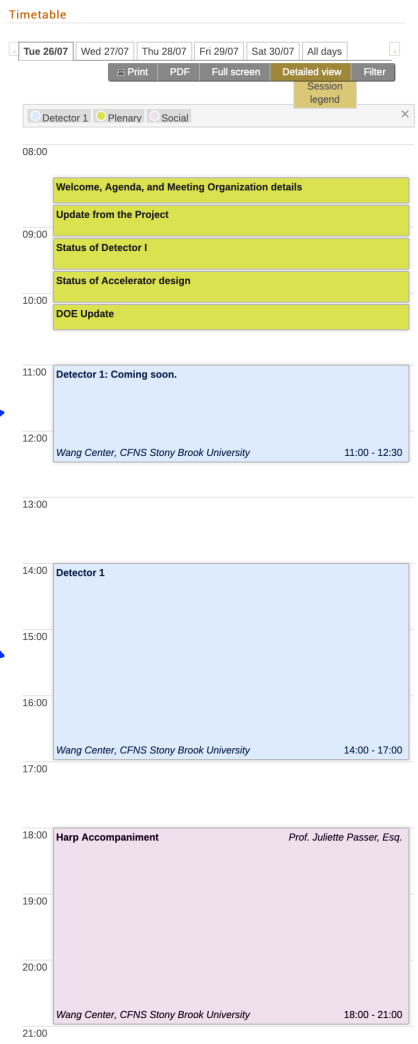


# EICUG Agenda / Registration

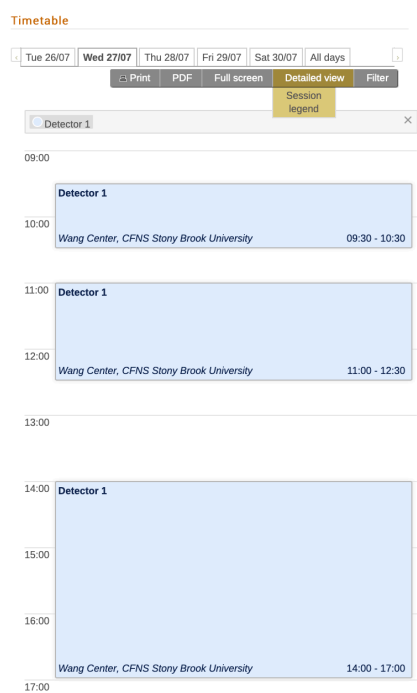
EICUG link: <https://indico.bnl.gov/event/15342/>

Please register!

Overview of agenda blocks: Detector-1 focus over 2 days, July 26-27



Tuesday, July 26



Wednesday, July 27

Agenda will be updated within the next few days!



# EICUG Agenda / Registration

## □ Detector-1 EICUG Agenda Overview

### Detector-1 Meeting at EICUG Meeting July 26-27, 2022

#### Tuesday: July 26

- Tuesday morning Part 1: 08:30AM – 10:30AM – EICUG
- [Tuesday morning Break: 10:30AM – 11:00AM](#)
- Tuesday morning Part 2: 11:00AM – 12:30PM – Introduction Detector 1
- [Tuesday Lunch: 12:30PM – 02:00PM](#)
- Tuesday afternoon: 02:00PM – 03:30PM WG part 1 (Detector)
- [Tuesday afternoon Break: 03:30AM – 04:00PM](#)
- Tuesday afternoon: 04:00PM – 05:30PM WG part 2 (Detector)

#### Wednesday: July 27

- Wednesday morning Part 1: 09:30 AM – 10:30 AM – IB meeting
- [Wednesday morning Break: 10:30 AM – 11:00 AM](#)
- Wednesday morning Part 2: 11:00 AM – 12:30 PM – IB meeting
- [Wednesday Lunch: 12:30 PM – 02:00 PM](#)
- Wednesday afternoon: 02:00 PM – 03:30 PM WG part 3 (Physics)
- [Wednesday afternoon Break: 03:30 PM – 04:00 PM](#)
- Wednesday afternoon Part 2: 04:00PM – 05:30PM GD/I Detector-1 Summary & Discussion

**Note:** No parallel session since the focus of the meeting is the formation of a new collaboration!

# Reminder: Timeline / Decision-making process



## Highlights Discussion with project: May 10, 2022

16

- In-kind evaluations of ATHENA and ECCE proposals completed. Interim report submitted to project!
- Timeline for charges to WGs:
  - The goal emphasized by the EIC project is to confirm the reference "advanced conceptual design" by the July EICUG meeting (End of July!)
  - There may be still open issues on important items, but the goal should be to converge by the end of July and raise early on if issues come up and/or more time is needed!
- Simulations: See the presentation by Sylvester Joosten!
- **General Detector 1 meetings:** Bi-weekly on a rotating assignment among Tanja, Silvia, John, Bernd, and Ori!





## Survey analysis and Tools

- Link to data file:

Click here: [https://tuprd-my.sharepoint.com/:x:/g/personal/tue59914\\_temple\\_edu/EcGrTZU6CuFPjXt1foRZY-4Bv5z1In1x2wY9Li3y9YgwnQ?e=aQrWQp](https://tuprd-my.sharepoint.com/:x:/g/personal/tue59914_temple_edu/EcGrTZU6CuFPjXt1foRZY-4Bv5z1In1x2wY9Li3y9YgwnQ?e=aQrWQp)

incl. PIVOT tables for physics/sub-system interests by institution!

# Survey analysis and Tools

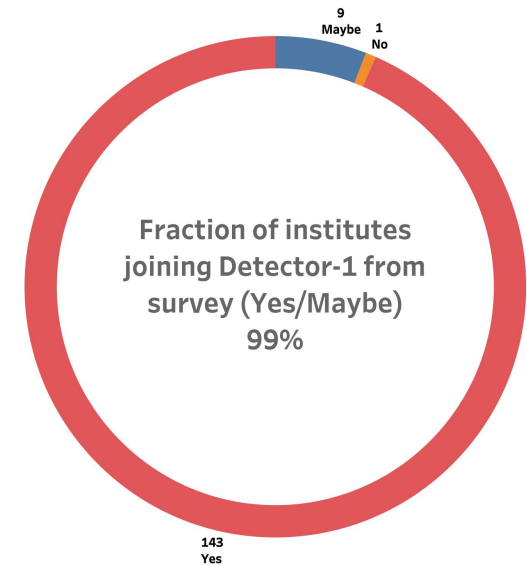
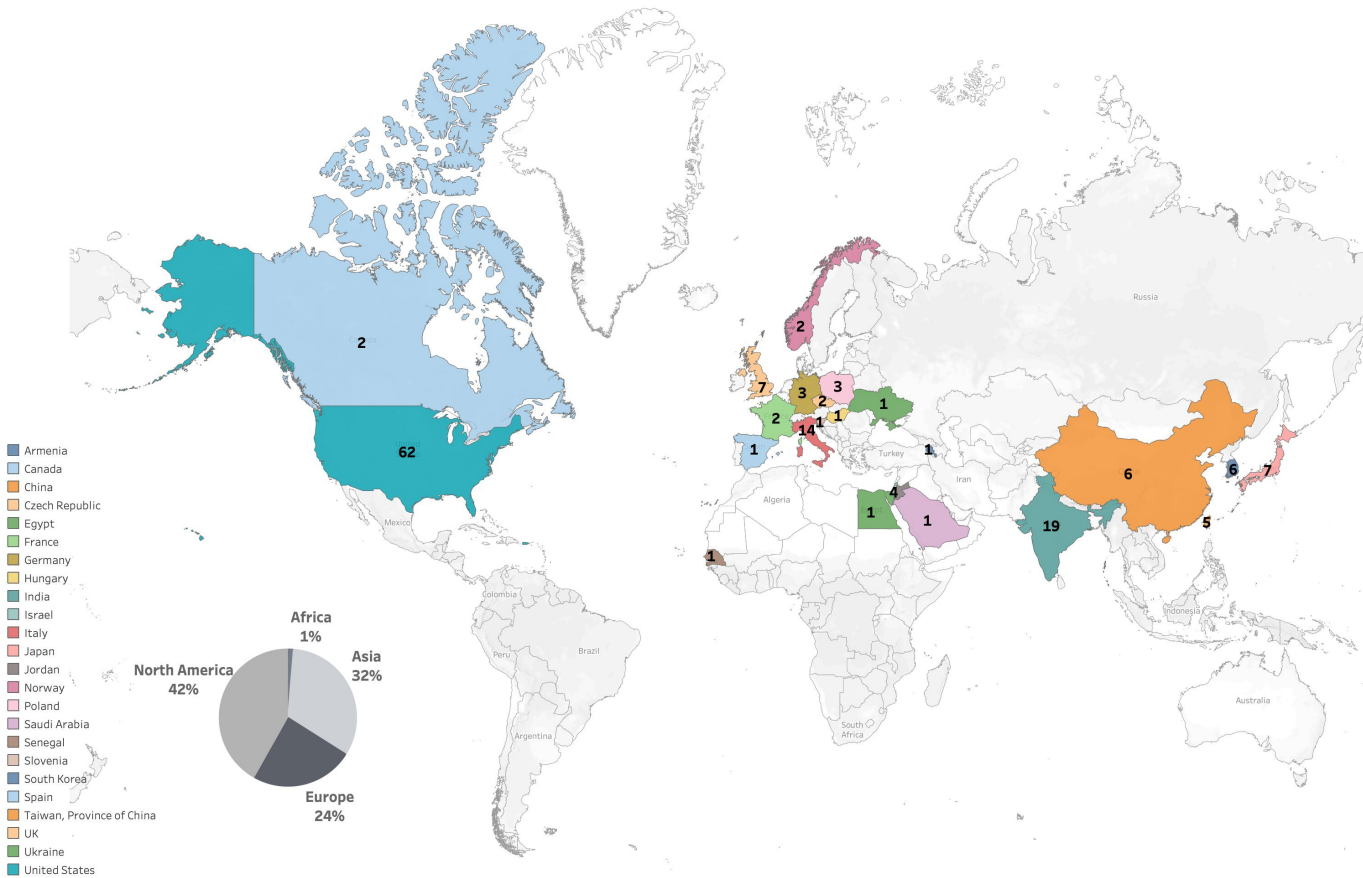
## World Map

Detector-1 - A **global** pursuit for a new EIC experiment at IP6 at BNL

Detector-1 Institutions  
153

Detector-1 Countries  
24

Detector-1 World Region  
4



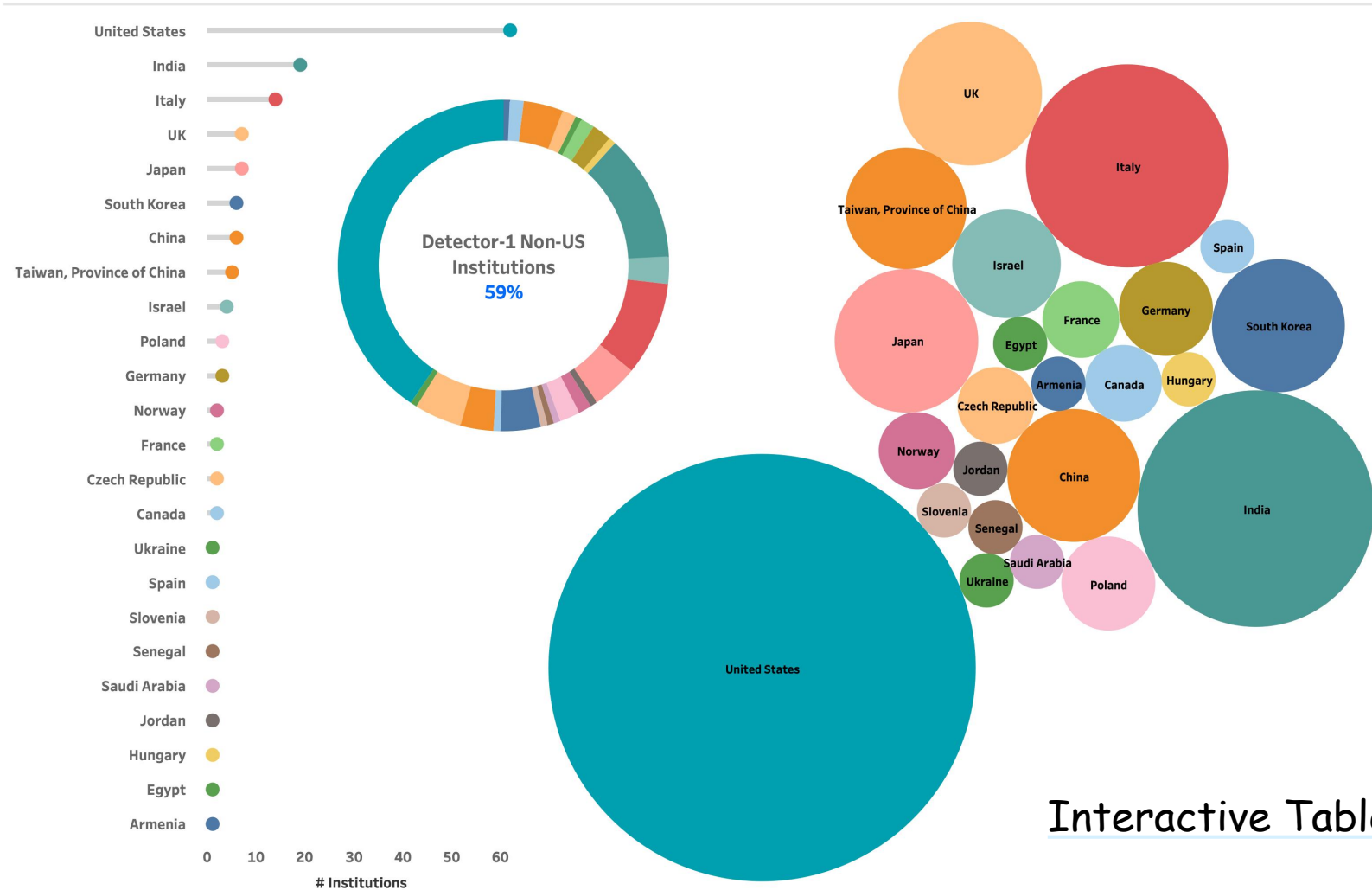
[Interactive Tableau link](#)



# Survey analysis and Tools

## Number of Institutions

### Detector-1 - A global pursuit for a new EIC experiment at IP6 at BNL

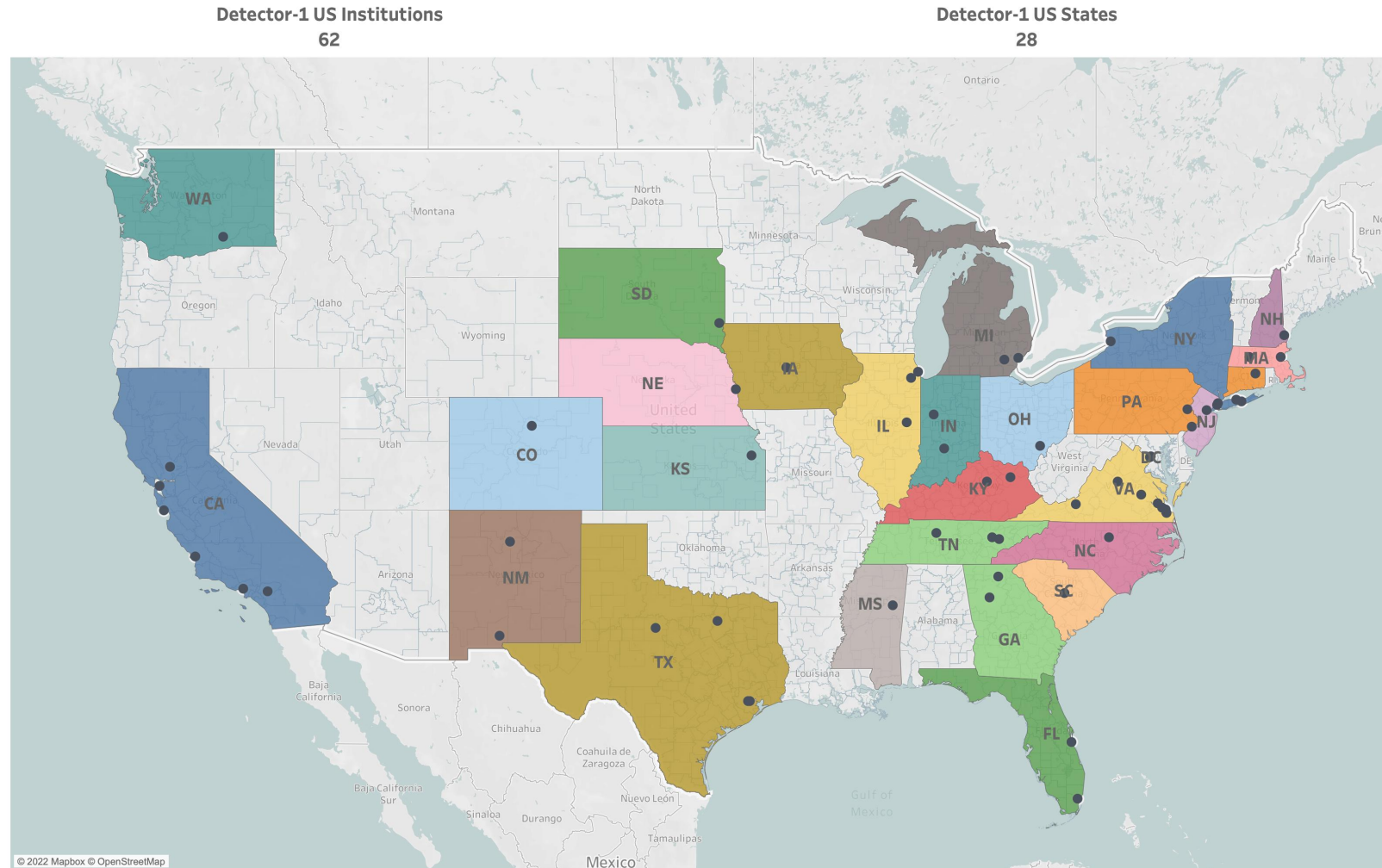


[Interactive Tableau link](#)

# Survey analysis and Tools

## □ US map

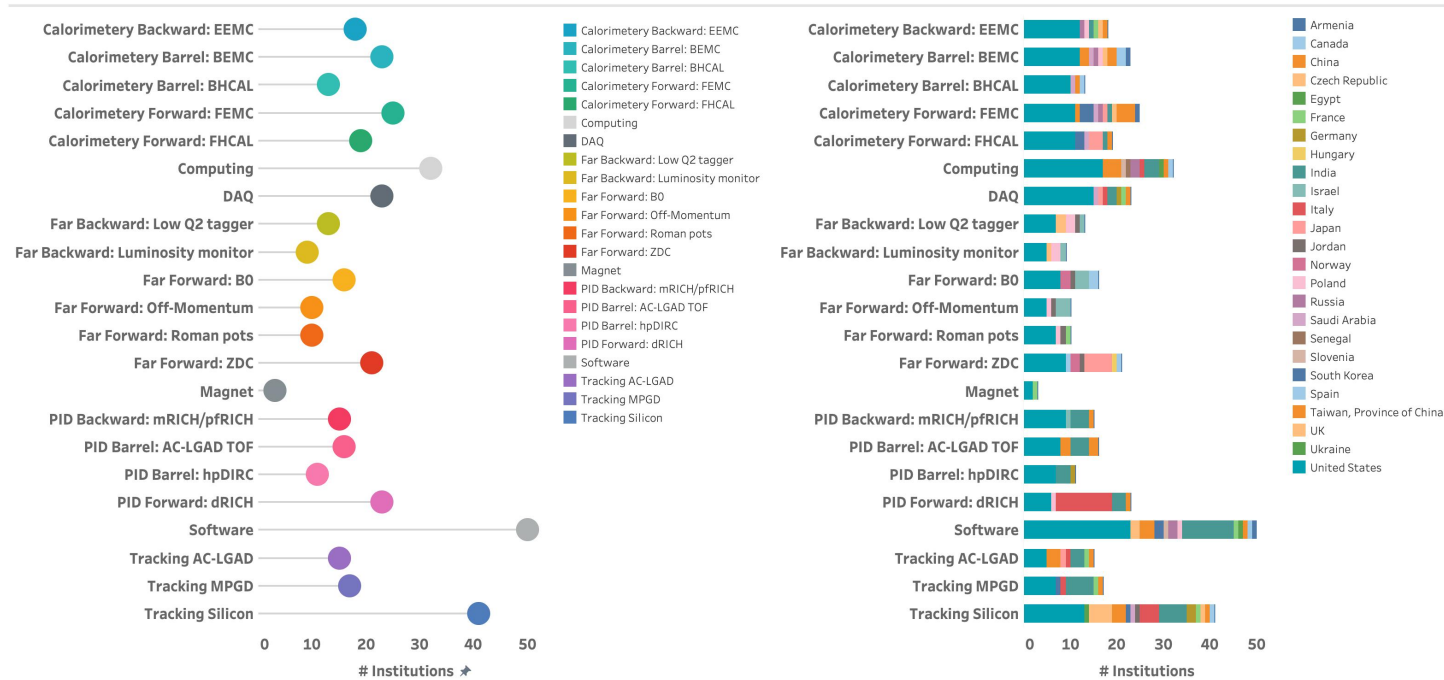
### Detector-1 - A **global** pursuit for a new EIC experiment at IP6 at BNL



# Survey analysis and Tools

## Sub-system Interests

### Detector-1 - A global pursuit for a new EIC experiment at IP6 at BNL / Sub-System Interests



Select category (Physics WG / Country/Institution) from pull-down menu. Institutions fulfilling the chosen category are highlighted in the last column!

WG / Sub-system  
Far Backward: Low Q2 tagger

Country  
All

Institutions  
All

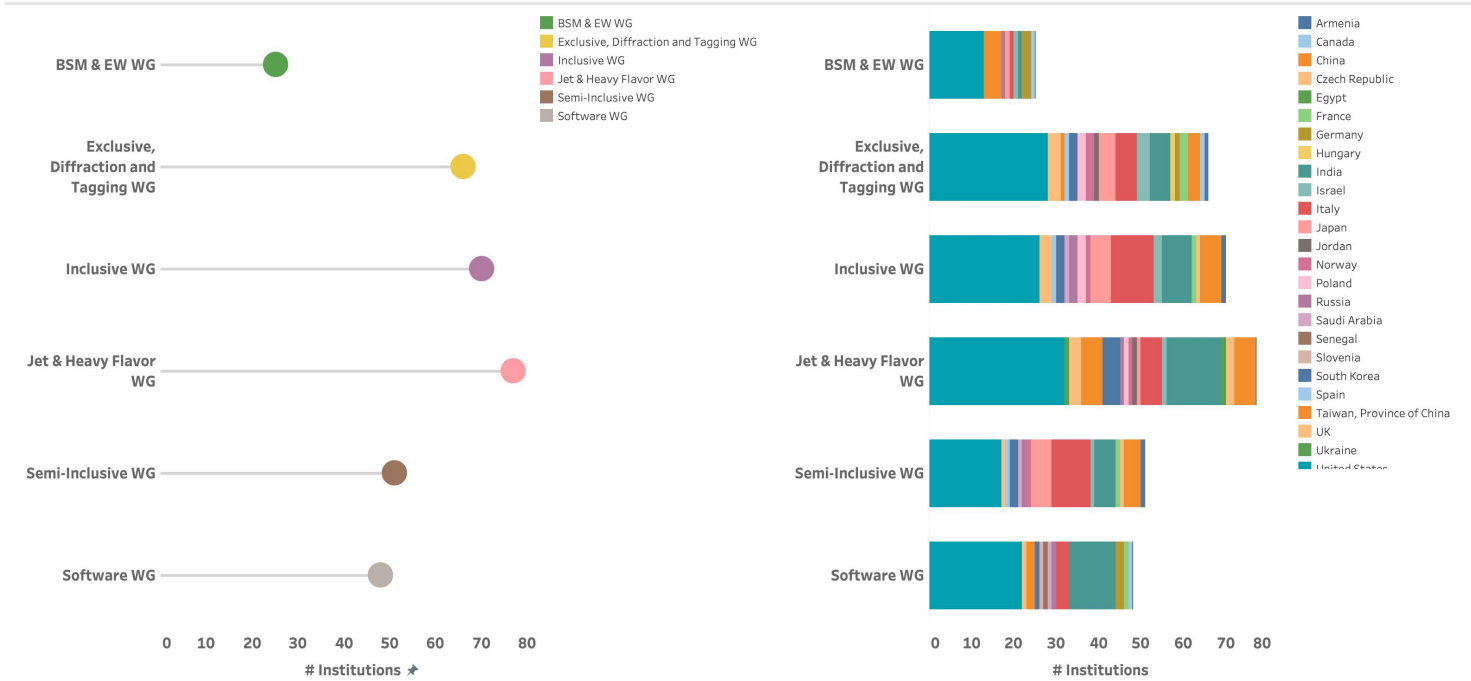
Far Backward: Low Q2 tagger

Institutions	City	Country	Contact Name	Email
A. I. Alikhantyan National Science Laboratory	Yerevan	Armenia	Mkrtchyan, Hamlet	mkrctchyan@yerphi.am
Abilene Christian University	Abilene	United States	Daughterity, Michael	mike.daughterity@acu.edu
AGH University of Science and Technology	Krakow	Poland	Przybycien, Mariusz	mariusz.przybycien@agh.edu.pl
Aligarh Muslim University	Aligarh	India	Abir, Raktim	raktim.ph@amu.ac.in
Argonne National Laboratory	Lemont	United States	Meziani, Zein-Eddine	sjoosten@anl.gov
Augustana University	Sioux Falls	United States	Grau, Nathan	ngrau@augie.edu
Banaras Hindu University	Ajagara	India	Singh, B. K.	bksingh@bhu.ac.in
Baruch College, City University of New York	New York	United States	Bathe, Stefan	stefan.bathe@baruch.cuny.edu
Ben Gurion University of the Negev	Beer Sheva	Israel	Citron, Zvi	zhcitron@bgu.ac.il
RMI	Upton	United States	Xu, Zhanhu	xzb@bnl.gov

# Survey analysis and Tools

## Physics Interests

Detector-1 - A global pursuit for a new EIC experiment at IP6 at BNL / Physics Interests



Select category (Detector WG / Country / Institution) from pull-down menu. Institutions fulfilling the chosen category are highlighted in the last column!

WG / Sub-system  
Inclusive WG

Country  
All

Institutions  
All

Inclusive WG

Institutions	City	Country	Contact Name	Email	Inclusive WG
A. I. Alikhantyan National Science Laboratory	Yerevan	Armenia	Mkrtychyan, Hamlet	mkrtychyan@yerphi.am	
Abilene Christian University	Abilene	United States	Daughterity, Michael	mike.daughterity@acu.edu	
AGH University of Science and Technology	Krakow	Poland	Przybycien, Mariusz	mariusz.przybycien@agh.edu.pl	
Aligarh Muslim University	Aligarh	India	Abir, Raktim	raktim.ph@amu.ac.in	
Argonne National Laboratory	Lemont	United States	Meziani, Zein-Eddine	sjoosten@anl.gov	
Augustana University	Sioux Falls	United States	Grau, Nathan	ngrau@augie.edu	
Banaras Hindu University	Ajagara	India	Singh, B. K.	bksingh@bhu.ac.in	
Baruch College, City University of New York	New York	United States	Bathe, Stefan	stefan.bathe@baruch.cuny.edu	
Ben Gurion University of the Negev	Beer Sheva	Israel	Citron, Zvi	zhcitron@bgu.ac.il	
BNL	Upton	United States	Xu, Zhanbu	xzb@bnl.gov	



## Survey analysis and Tools

- FTE analysis will be released at a later stage
- Recommendations:
  - Look through data and identify all institutions that have expressed interest in your area (PIVOT tables and email lists sorted by area will be provided!).
  - Contact in particular those institutions who have not been active so far, but expressed interest on how to best get started and engage them in your activities!
  - Encourage “new groups” to prepare a few slides (INDICO) on their interests, expertise, and plans as a means to pro-actively engage them in your WG.
  - Let us know if there are any questions/feedback on the tools etc. and how we could help!

Thank you!