



# Empowering Young Researchers:

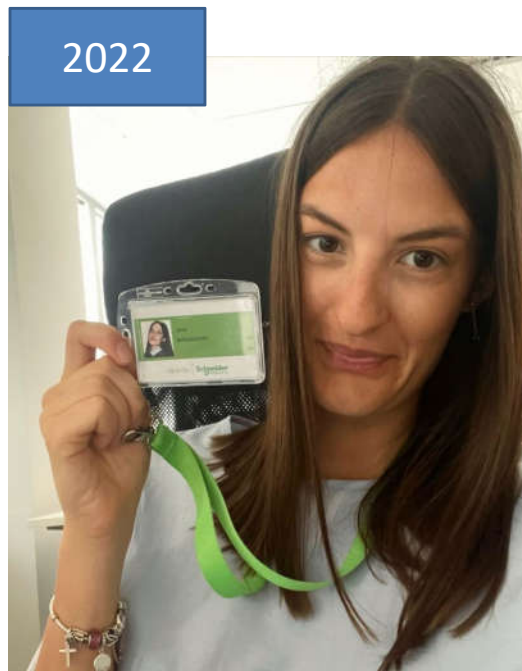
The Synergy of Research Mobility and  
Access to Infrastructure

**Dr. Pradeep Ghosh, GSI and FAIR Germany**  
Pr.Ghosh@gsi.de



**“Research mobility is the passport to knowledge and a key to unlocking the world's greatest mysteries.”**

# Empowering Young Talent : Short Story!



## Experience



**Schneider Electric Sustainability Business**  
2 yrs 1 mo

### Energy Sourcing Analyst

Sep 2022 - Present · 1 yr 1 mo

- Analyzing energy supply contract prices, terms ar contracts are secured on behalf of Schneider Electric



[RTCG - Radio Televizija Crne Gore](#) Invited Jana to speak about studies, work and life in foreign countries.



Univerzitet Crne Gore



Government  
of Montenegro

# GSI Helmholtz Center following area of focused research areas

Following key topics (not an exhaustive list) are a good match where both Helmholtz Center GSI and partners could find great partnership and create a lot of innovation and knowledge transfer between researchers

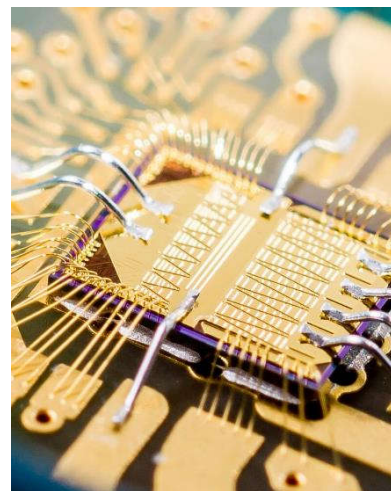
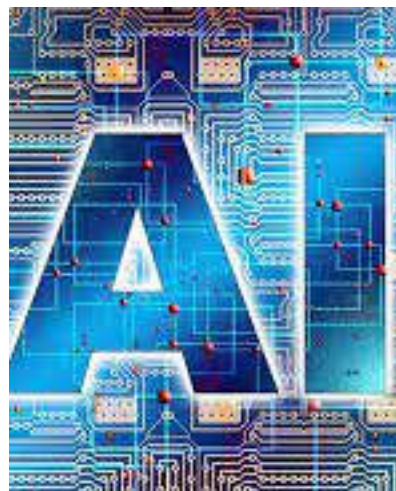
**Fundamental science**

**AI & Machine Learning**

**Sensors/Detector development**

**Health & Infection**

**Accelerator development**





- Offering training opportunities with mobility to university students and early stage researchers
- Creating synergies between collaborating universities and partners of FAIR/GSI
- Building capacities for research groups and partner institutes

## GET\_INvolved Programme

March 2023

1. Summary
2. What have we accomplished?
3. What are our challenges?
4. What's next?
5. Take away messages

# About US

The GET\_INvolved Programme at FAIR/GSI Darmstadt, Germany, provides international students and early stage researchers with opportunities to perform internships, traineeships and early-stage research experience in order to get involved in the international FAIR accelerator project while receiving scientific and technical training.

DISCOVER. CONNECT. GET\_INVOLVED!



## Strategy 2017-2022

### **BRIDGE**

**BR**inge research and technical **D**epartments closer to younger **GE**neration.

### **STEPIN**

**S**timulate existing collaborators to enter in meaning **P**artnerships with GET\_**IN**volved Programme

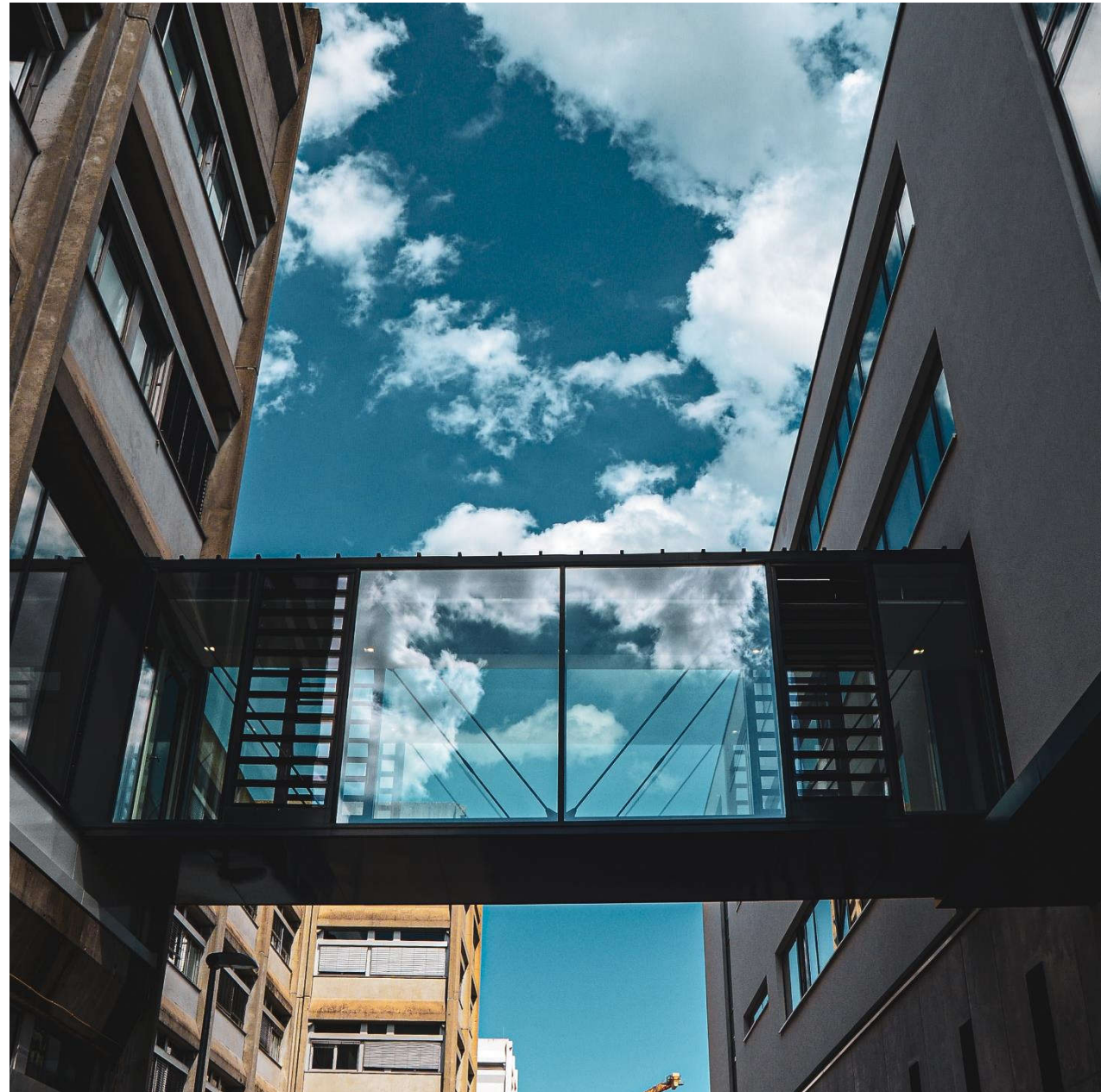
### **PRIME**

**PR**omote **I**nitiatives in **M**ember states (shareholders) to **E**ngage them into GET\_**IN**volved Programme with seed funds for **R**esearch

### **NEXUS**

**N**urturing **EX**isting partnership with focus on **U**nified **S**trategic areas

DISCOVER. CONNECT. GET\_INVOLVED!





# GET\_INvolved Programme

Working Together with the research and Technical Groups in evaluating their needs and building partnerships based on requirements



## Identification

of key partners or country of focus



## Training

finding the stakeholders in proposed Programme



negotiation

Based on the level of commitment from internal and external stakeholders a contract is negotiated



## agreement

a bi(multi)lateral contract is agreed to implement the planned idea of research and training



# Opportunities from International Cooperation Unit

The ICO Unit works together with the guidance of key stakeholders in providing support in providing opportunities for outreach at strategic events/Fairs , Exchange of knowledge with Mobility (for young researchers), Training and Internships and building a meaningful partnerships



Outreach about FAIR



Exchange with Mobility



Strategic Partnerships

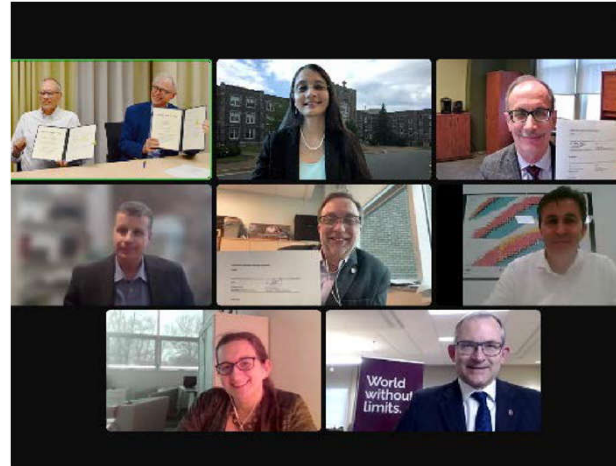
**Dissemination of  
Information at  
strategic events to  
generate interests in  
FAIR research pillars**



# Recent outreach and engagements



European University of Tech.



SMU Halifax, CA



FAIR Days Slovenia



Promotion at IBIC, Krakow Poland



Cooperation GGSB, Tbilisi Georgia



Promotion at EAIE, Barcelona Spain

# Recent outreach and engagements



**Warsaw University of Technology, Poland**



**S2innovation s. p. o. o , Krakow Poland**



**Deputy Ambassador of India to Germany visited FAIR – IISER will join GET\_INVolved Programme**



**Czech Technical University in Prague**



**FAIR Days in Slovenia**

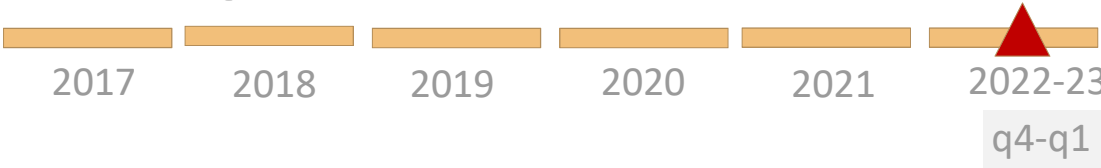


**Ministry of Science & Education, Georgia**

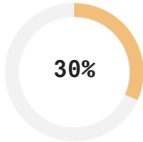
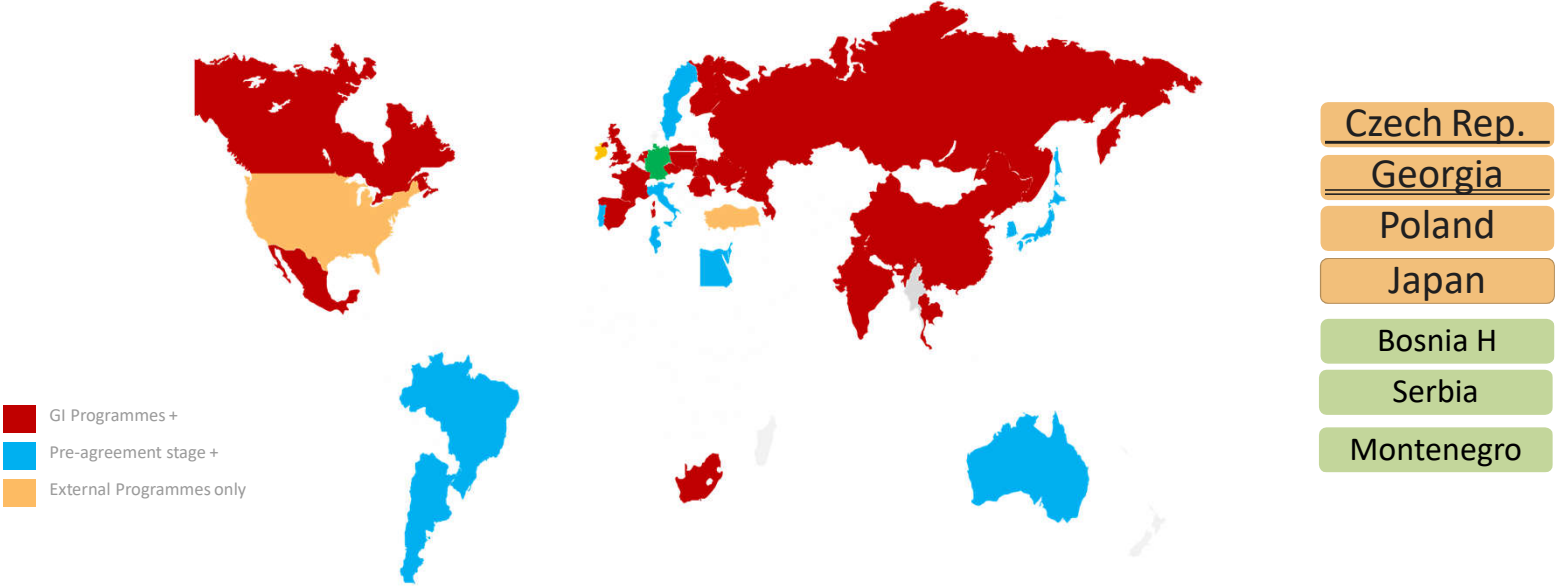
**Knowledge  
Transfer through  
Project oriented  
Research Mobility  
instruments**



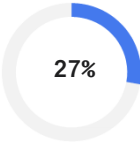
# Exposure of Partnership through GET\_INVolved



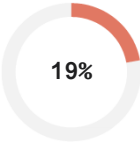
A short glimpse on the extent to which the GET\_INVolved Programme has gained progress and momentum to acquire the talent and working on ahead for partnerships



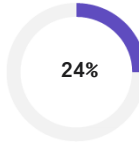
Beneficiaries were having a PhD degree.



Beneficiaries were enrolled in doctoral or PhD degree at a foreign University



Beneficiaries were enrolled in Master degree at a foreign University



Beneficiaries were enrolled in Bachelor degree at a foreign University



**40+**

**institutions until 2023 joined  
with a dedicated partnership  
Programme**

# Bi(multi)lateral Partnerships

GET\_INVolved Programme framework provide,  
partnerships with several funding model specific to the  
needs of the experimental collaborations and GSI/FAIR



# Key Performance Indicators

**06+**

**Years**

**~2000**

**Applications**

**~400**

**Beneficiaries**

**58+**

**Nationalities**

**43%**

**Females**

**100+**

**ERASMUS+**

**5M€+**

**External funds**

**45+**

**Partners**

**130%**

**Growth in 2022**

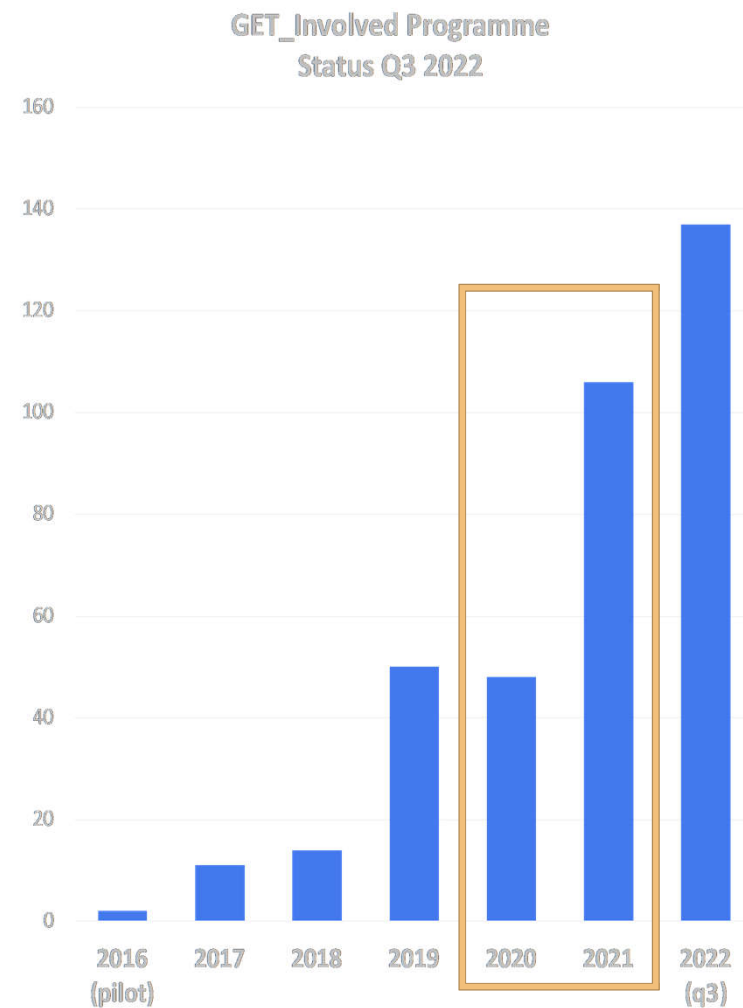


Figure: Year-wise intake of participants in GET\_INvolved programme. [data 30.09.2022]



# Breaking Boundaries: Sarajevo's Brightest Minds Embark on GET\_INVolved Short term Internship!



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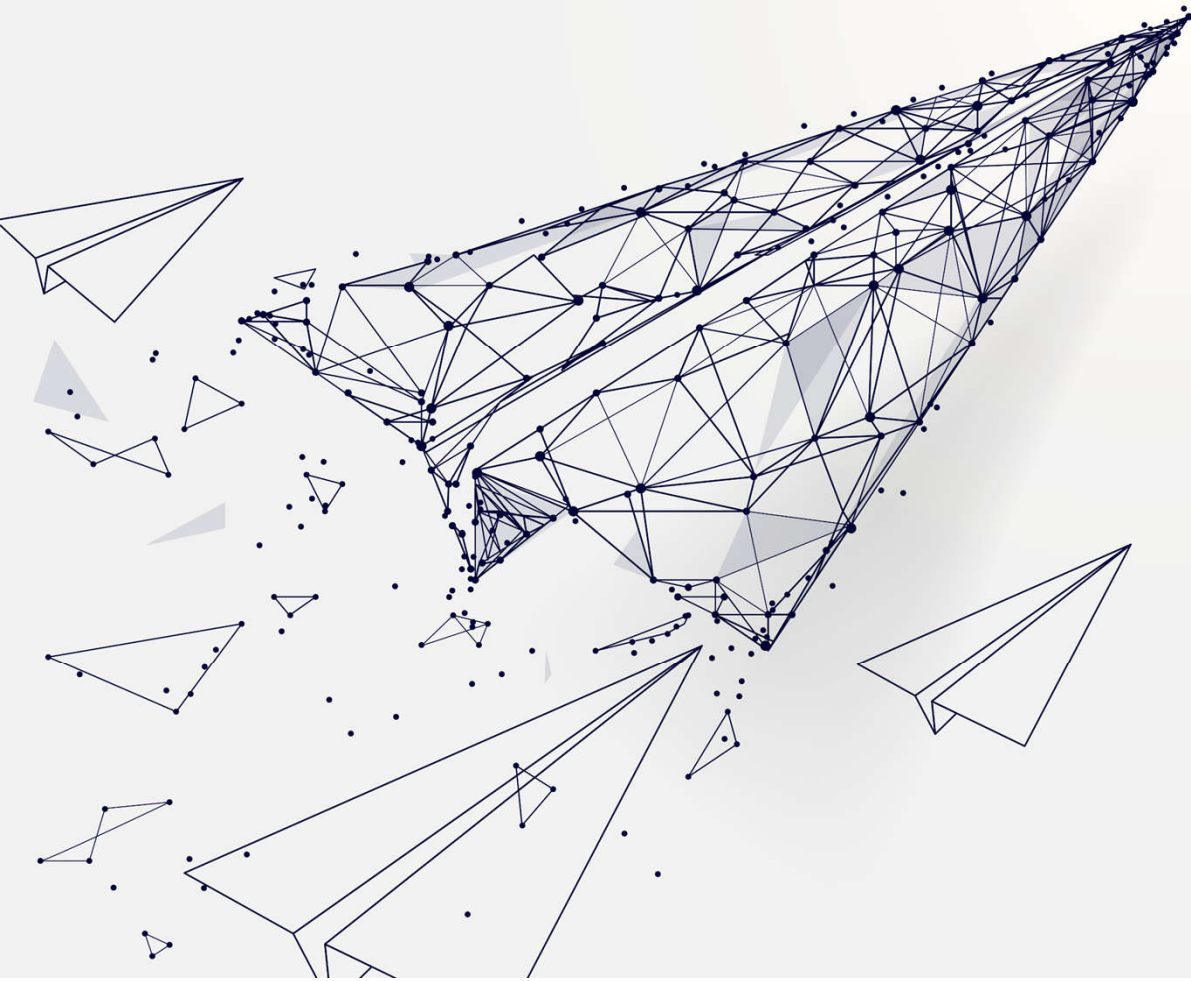


What's in it for me?

**Knowledge  
Transfer through  
Project oriented  
Research Mobility**



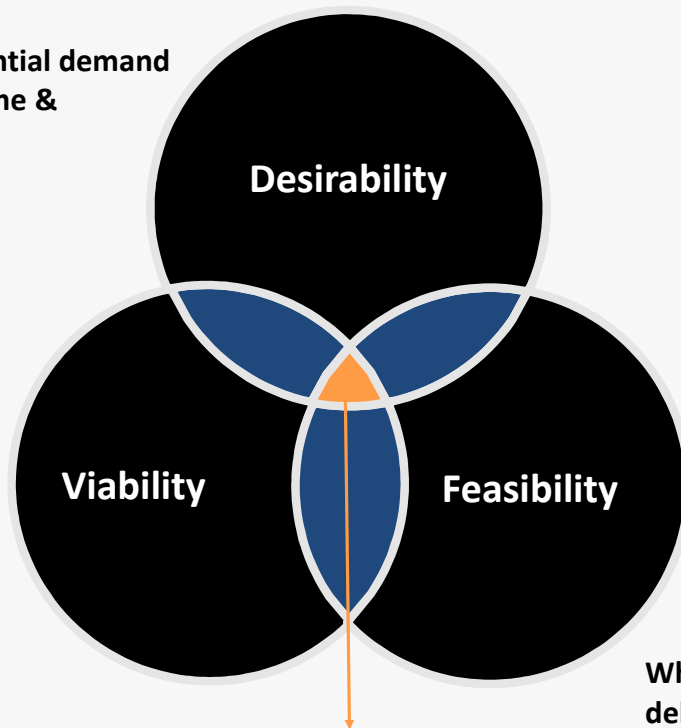
# Framework Development



## We are using of 4 criteria to rate and prioritize our partnership with partners

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What is the potential demand for this Programme & Partner?



What would be the profitability from this partnership/programme in short-medium and long run?

**Strategic Fit**

What is the feasibility of delivering this programme to the campus?

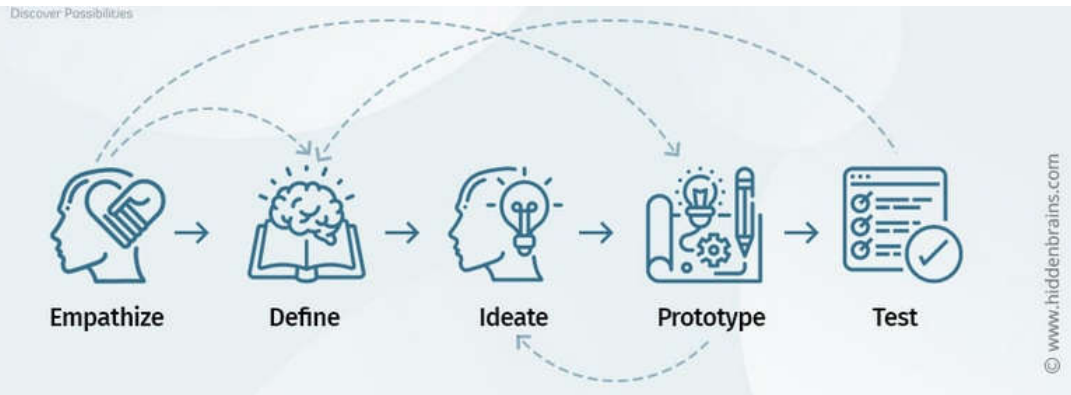
+

**Alignment to Strategy** (individual to Science and Technical Directorate)

What is the level of interest of the Management and its alignment to the current strategy ?

## GET\_INvolved Framework

- using SITA model for Programme,
- with direct beneficiary and
- almost zero Administration and
- almost no Overhead.



# Opportunities

All Programme and opportunities are broken down into these legal framework tools developed together with the Legal and HR.

The PROCESSING time has been reduced by 90% for Traineeships and up to 50% for Research scholarships



## Internships

for enrolled students in Bachelors/Masters degree in science and engineering



## Traineeships

for students from European Union having a Masters degree in science and engineering.



## Research Experience

for enrolled PhD students or recent doctorates (postdocs) or equivalent with focus on FAIR/GSI research.



## GET\_INvolved Programme

# INTERNSHIP

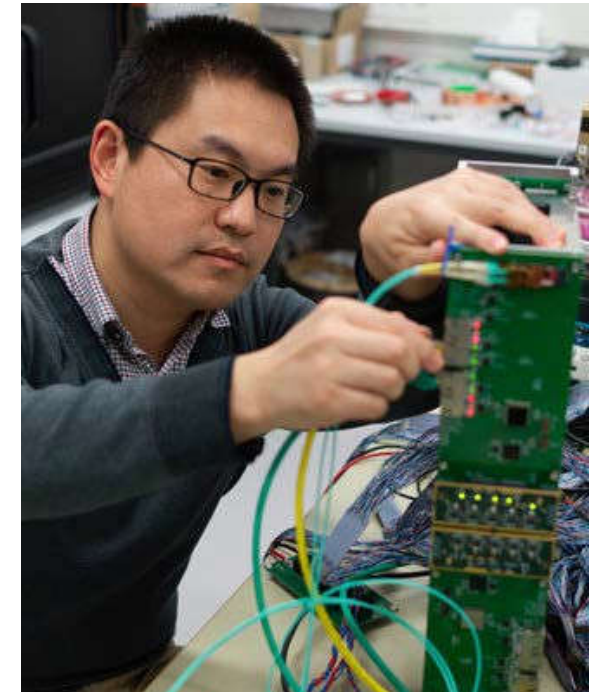
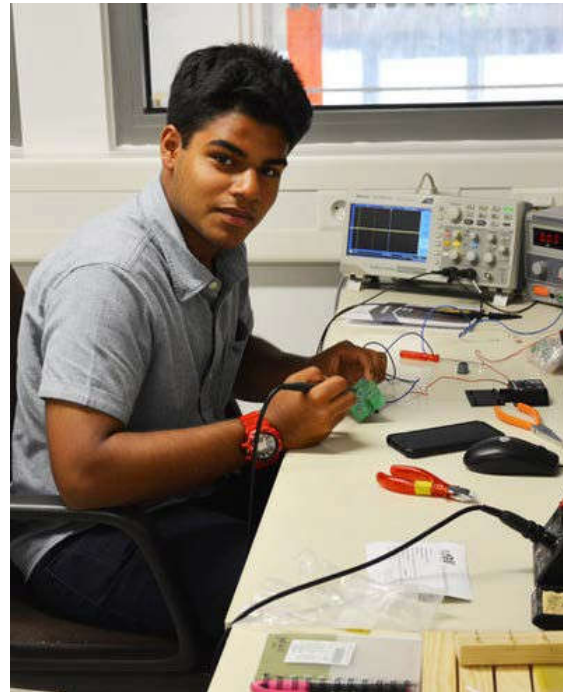
Ideal for undergraduate and graduate students looking for improving their skills and having an internship in between their semester or for a dedicated semester to perform a thesis/dissertation.

Eligibility: Bachelor/Master students

Duration: 2-6 months

Funding: Yes

Application: application portal anytime



Bachelor Students (in 5th semester or above)  
For Partner funded Programme please refer to our webpage or consult us via email.

[www.fair-center.eu/GET\\_INvolved](http://www.fair-center.eu/GET_INvolved)

## GET\_INVolved Programme

# TRAINEESHIP

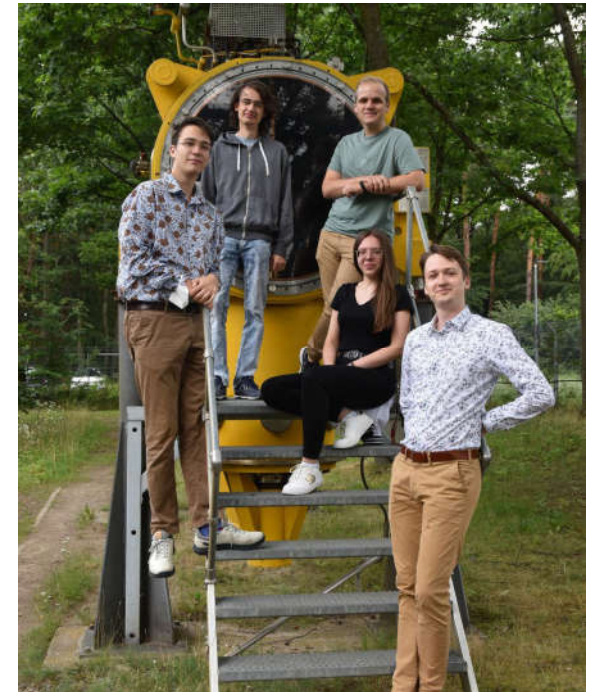
Ideal for undergraduate and graduate students (doctoral researcher also eligible) looking for improving their skills and having a traineeship abroad during their semester break or for a dedicated project in connection with in their curriculum.

Eligibility: Bachelor/Master/ PhD students.

Duration: 2-12 months

Funding: Yes, partly via Erasmus+

Application: application portal anytime



For Partner funded programme please refer to our webpage or consult us via email.

[www.fair-center.eu/GET\\_INVolved](http://www.fair-center.eu/GET_INVolved)

## GET\_INvolved Programme

# RESEARCH

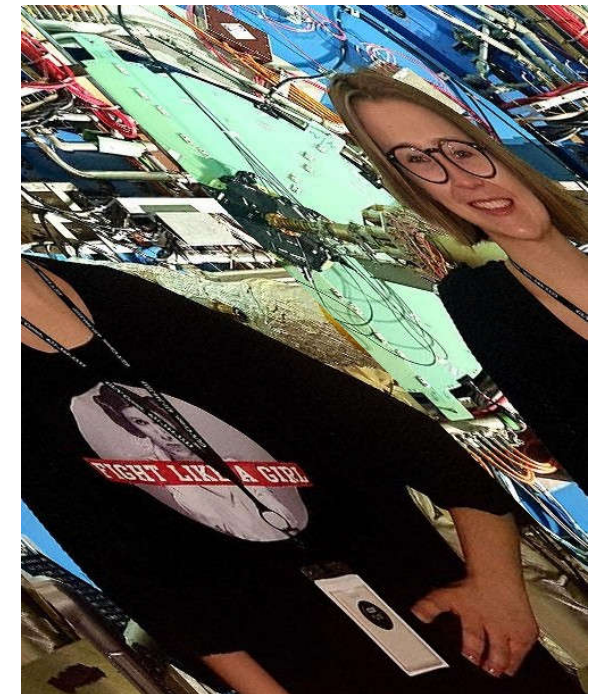
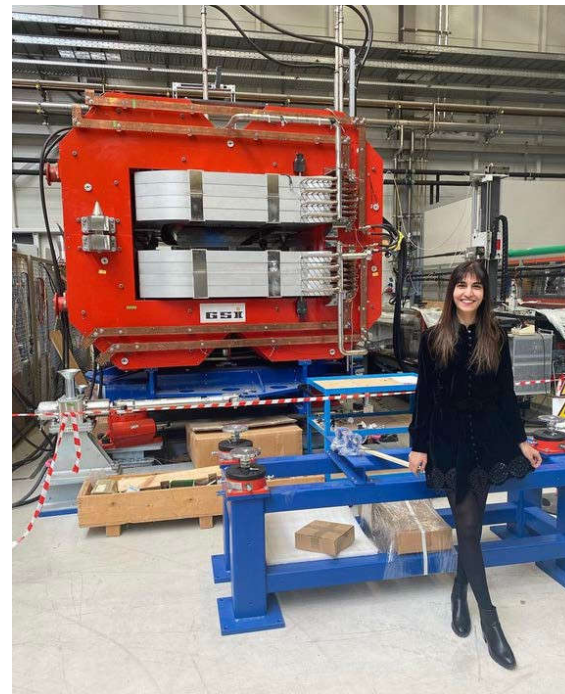
Ideal for doctoral students and post-doctoral researcher looking for collaborating on a dedicated project in connection with in their research work and experience.

Eligibility: PhD students/PhD holders

Duration: 6-12 months

Funding: Yes, partly funded

Application: application portal anytime



For Partner funded Programme please refer to our webpage or consult us via email.

[www.fair-center.eu/GET\\_INvolved](http://www.fair-center.eu/GET_INvolved)

# GET\_INVolved and FAIR PHASE 0 Beam time (2019-2022)



## Current and offered calls (in last six months)

**HELMHOLTZ-OCPC CHINESE POSTDOCTORAL FELLOWSHIP PROGRAMME**

APPLY NOW

GET\_InVolved Programme

GET\_INVOLVED PROGRAMME

**IGSTC: INDUSTRIAL FELLOWSHIPS**

For Indian phd and fresh postdoctoral researchers

**DAAD - RESEARCH SCHOLARSHIPS FOR DOCTORAL RESEARCHERS**

FOR DOCTORAL RESEARCHERS FROM DAAD-100 DOCTORAL RESEARCHERS

GET\_InVolved Programme

**IGSTC WOMEN INVOLVEMENT IN SCIENCE AND ENGINEERING RESEARCH**

FOR DOCTORAL RESEARCHERS FROM DAAD-100 (GET\_InVolved FOR WOMEN)

GET\_INVOLVED PROGRAMME

**IGSTC: PAIRED EARLY CAREER FELLOWSHIP IN APPLIED RESEARCH**

Early career researchers with Master's in Science/Bachelor's in Engineering

GET\_INVOLVED PROGRAMME

**SAINTS/ITHEMBA LABS: INTERNSHIP PROGRAMME**

GET INVOLVED PROGRAMME

**ERASMUS+ TRAINEESHIP**

Discover. Connect. GET\_InVolved

**MITACS GRA FELLOWSHIPS**

APPLY NOW

GET\_InVolved Programme

**CSC PROGRAMME 2022**

SUBMIT PROJECTS NOW

**DAAD WORKING INTERNSHIPS IN SCIENCE AND ENGINEERING**

FOR EARLY CAREER RESEARCHERS (M.Sc. or B.Sc.)

GET\_InVolved Programme

**SING SMALL IMMEDIATE NEED GRANTS**

FOR DOCTORAL RESEARCHERS

GET\_InVolved Programme

**PECFAR PAIRED EARLY CAREER FELLOWSHIP IN APPLIED RESEARCH**

FOR EARLY CAREER RESEARCHERS

**JSPS RESEARCH FELLOWSHIPS**

APPLY NOW

GET\_InVolved Programme

[https://fair-center.eu/career/get\\_involved/opportunities](https://fair-center.eu/career/get_involved/opportunities)

# Next Steps at GET\_INvolved

Following specific initiatives are planned but yet to be implemented

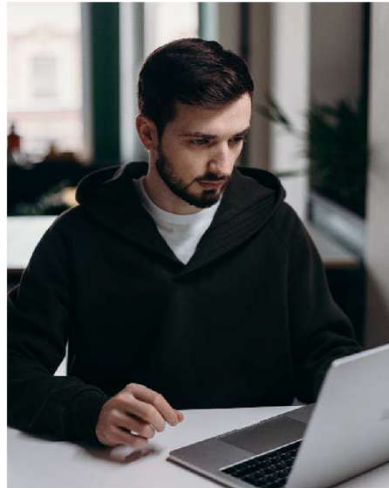
## Alliances like EUt+



## Implementation of Internship concept



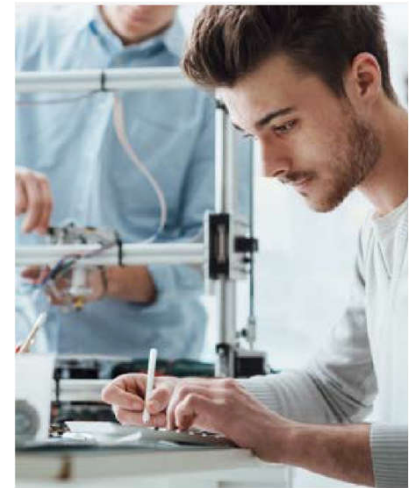
## FAIR Project Associate Programme



## Industry Sponsored Programme



## Sci. /Tech. Assistant Programme



# Key Message



**Programme has grown 130% w.r.t. 2022. The focus now is to nurture our partnerships and partners to build capacity for the future operation of FAIR.**

We are extremely delighted to support engaging more students and researchers through diverse Programme in the portfolio of GET\_INvolved Programme.



## Summary



GET\_INvolved Programme

Looking forward to your  
Application!

DISCOVER.  
CONNECT.  
GET\_INvolved!

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SCAN ME



Check out what's happening  
at Campus via your favorite  
Social media channels

[Pr.Ghosh@gsi.de](mailto:Pr.Ghosh@gsi.de)  
[International@fair-center.eu](mailto:International@fair-center.eu)  
[www.fair-center.eu/get\\_involved](http://www.fair-center.eu/get_involved)  
+49-6159-71-3257/3555

GET\_INvolved Programme

# Unsure if you fit to any Programme?

Scan this QR code —————>  
and answer few questions via our  
Programme Navigator



[International@fair-center.eu](mailto:International@fair-center.eu)  
[www.fair-center.eu/get\\_involved](http://www.fair-center.eu/get_involved)  
+49-6159-71-3257/3555

**Thank you!**