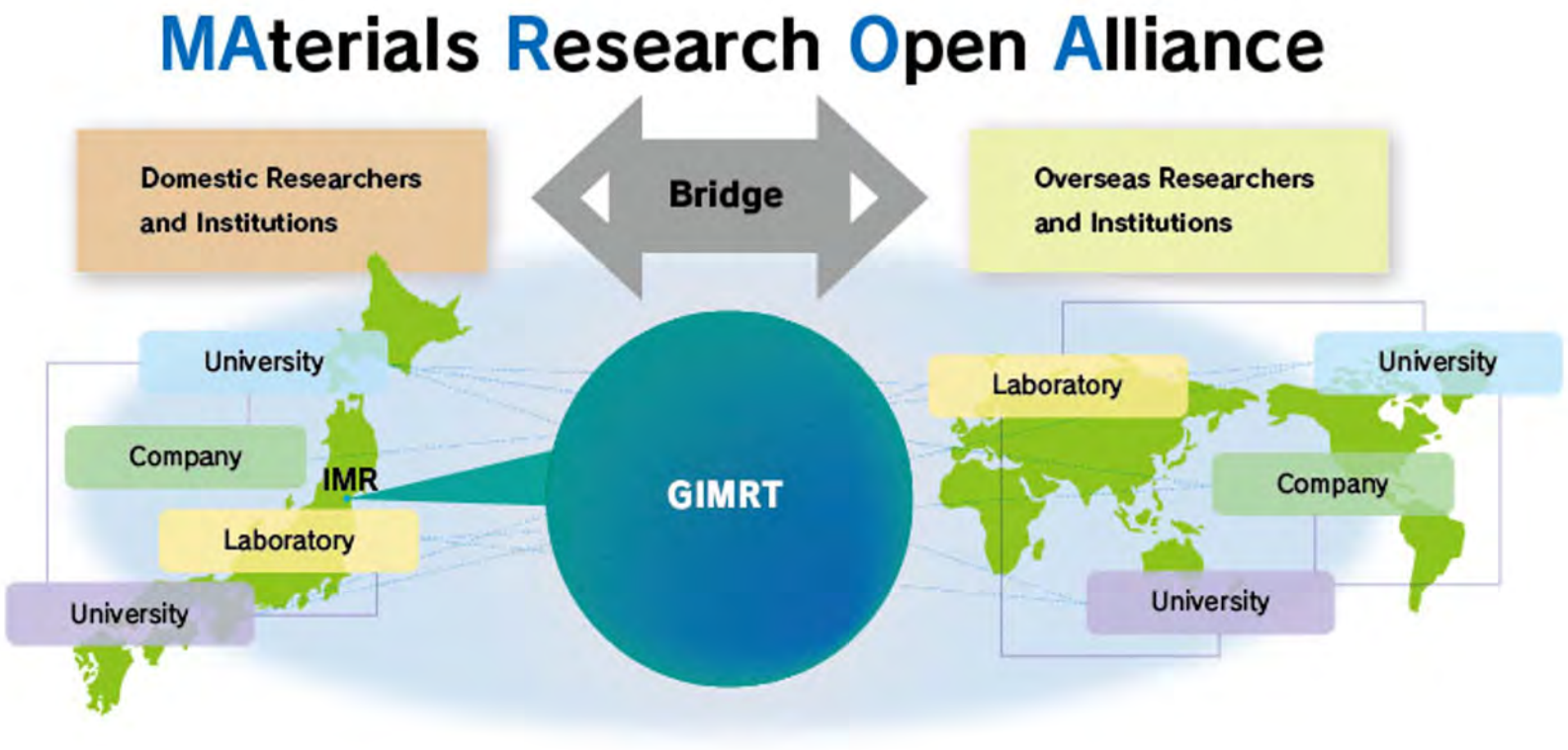
Outline of GIMRT program

Global Institute for Materials Research Tohoku (GIMRT)

Renewed for GIMRT II (FY2022-2027)

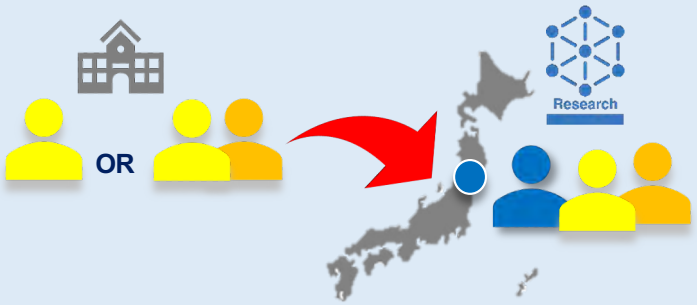
GIMRT is the bridge for multi-core collaboration research
to establish international Material Sciences Open Research Alliances, in which Domestic and Overseas researchers and university/institutes collaborate



GIMRT Programs for International Collaboration

【File No. 04】

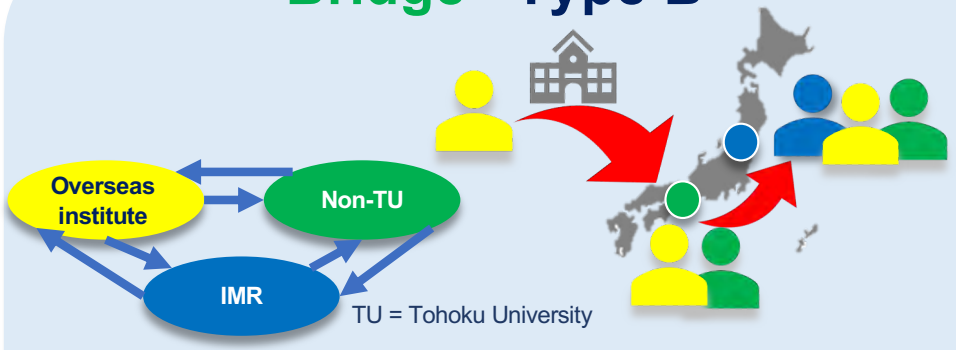
Single Visit Type S



Standard research visit to IMR (1~2weeks)

- Multiple visits/Multi persons visit available
  (Ph.D student can be collaborator)

Bridge Type B



Multi-core Research Collaboration

- **for Overseas researchers**
  - Visit IMR together with non-TU collaborators
- **for non-TU domestic researcher**
  - Invite a researcher from overseas institute to own institute
  - Work together at IMR and at J-PARC, SPring-8 etc.

NEW from 2022

Covis
Co-research visit

Team visit (combination of Long & Short stay)
for strong and sustainable co-research team

- Example
  Residential type visit (Type G= Guest Professor)
  ＋
  Short-term intensive visit (Type S)

Overseas Research Type O

In 2023, total 6 researchers visited EU and NA

Experiment
Networking
Discussion

For young scientist (under 40) in Japan
(2 weeks ~ 3 months)

- Travel support (up to JPY 0.5M) to visit oversea institutes for research collaboration

GIMRT YouTube Movies for Introduction

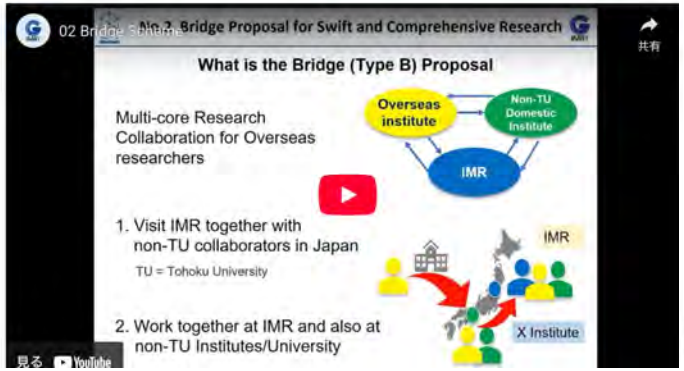
Follow up of GIMRT Committee Recommendation

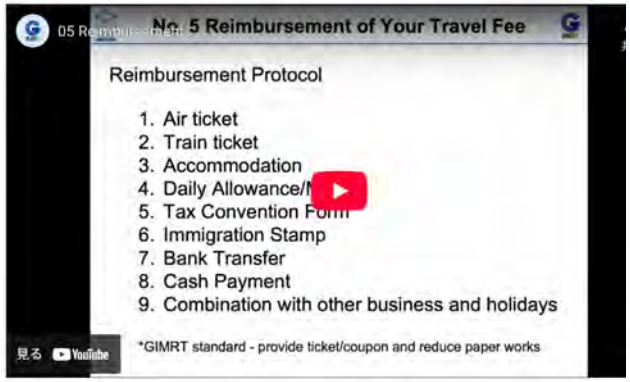
1. The presence and the activity of GIMRT should be spread and announced more to international community.

2. It would be good if there is an initiative to more actively encourage new collaborators and young researchers to join the program.

Introduction, application and practical information

5. Reimbursement



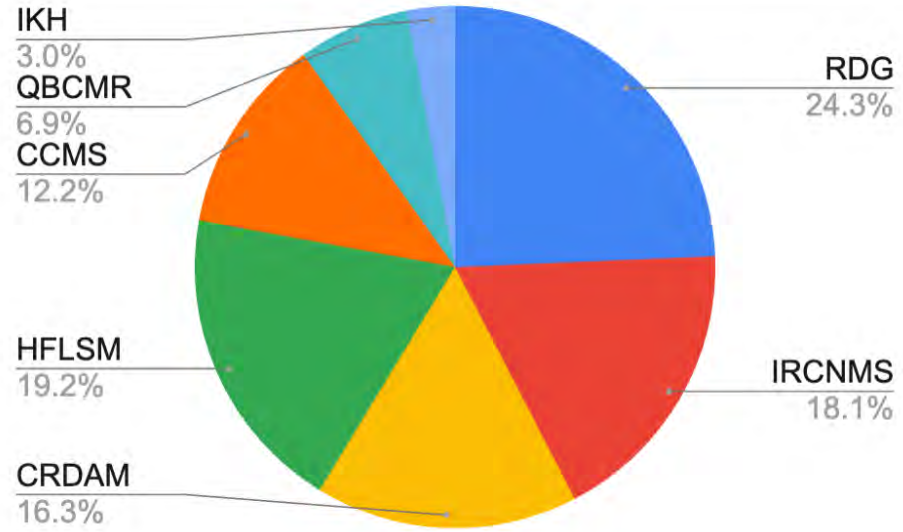


ICC Guest Professor

Number of proposals

	RDG			IRCNMS			CRDAM			HFLSM			CCMS			QBCMR			IKH			Total		
	Domestic	Inter'l	Total	Domestic	Inter'l	Total	Domestic	Inter'l	Total	Domestic	Inter'l	Total	Domestic	Inter'l	Total	Domestic	Inter'l	Total	Domestic	Inter'l	Total	Domestic	Inter'l	Total
2022	97	30	127	69	67	136	82	11	93	96	17	113	67	6	73	28	4	32	0	0	0	439	135	574
2023	112	54	166	80	30	110	94	15	109	93	30	123	57	14	71	33	8	41	0	0	0	469	151	620
2024	105	63	168	78	34	112	85	19	104	104	23	127	53	12	65	42	8	50	0	0	0	467	159	626
2025	102	53	155	75	40	115	80	24	104	97	25	122	67	11	78	31	13	44	18	1	19	470	167	(637)

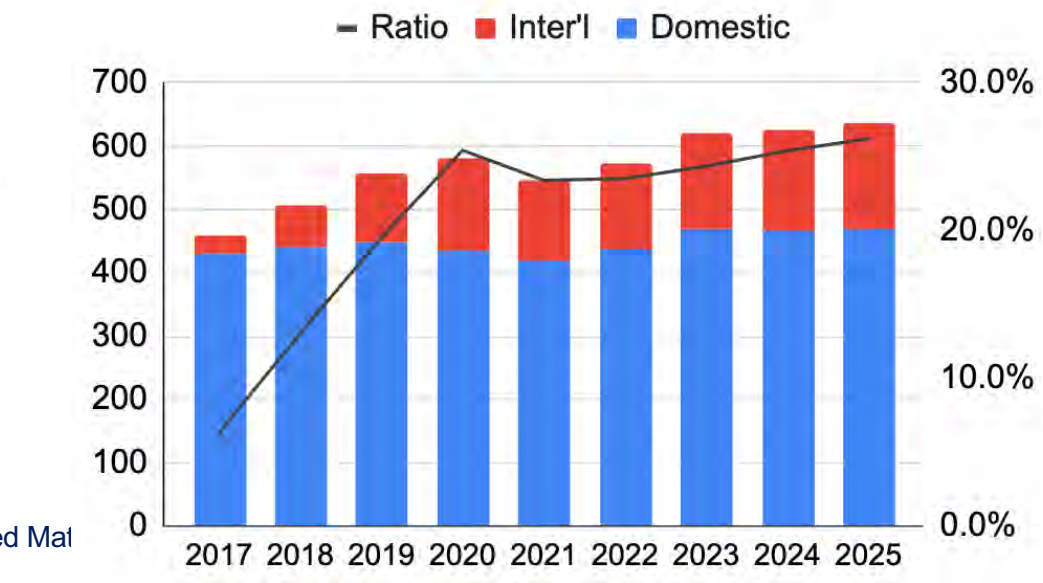
Ratio by Category (2025)



HFLSM : High Field Laboratory for Superconducting Materials
CCMS : Center for Computational Materials Science
QBCMR :Quantum Beam Center for Materials Research
RDG : Research Divisions and Groups
IRCNMS : International Research Center for Nuclear Materials Science
CRDAM : Cooperative Research and Development Center for Advanced Mat
IKH: Innovation Knowledge Hub

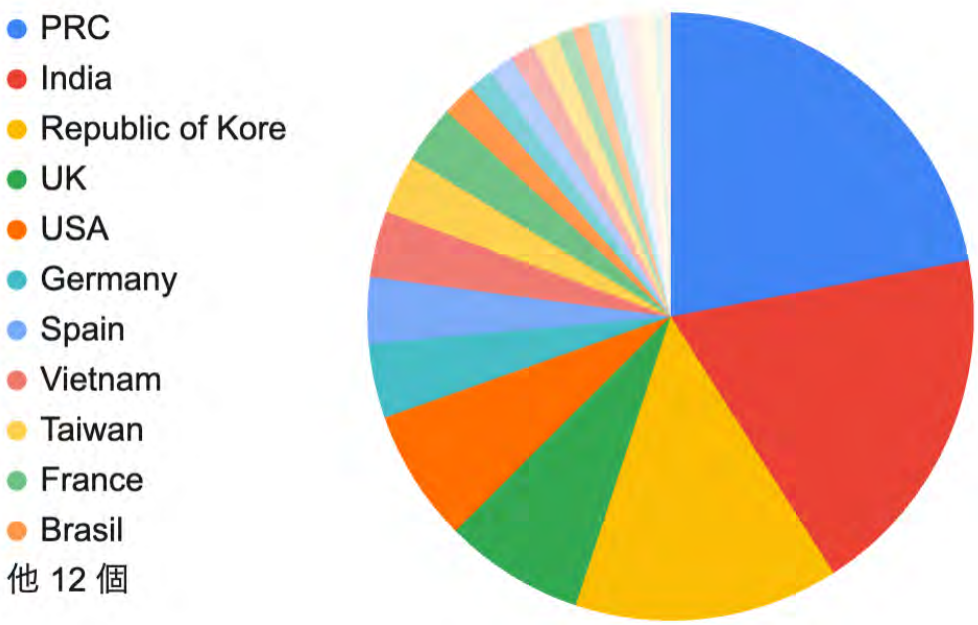
Time trend and International Ratio

FY2025 637 Proposal
(including August round)
International Ratio 26.2%



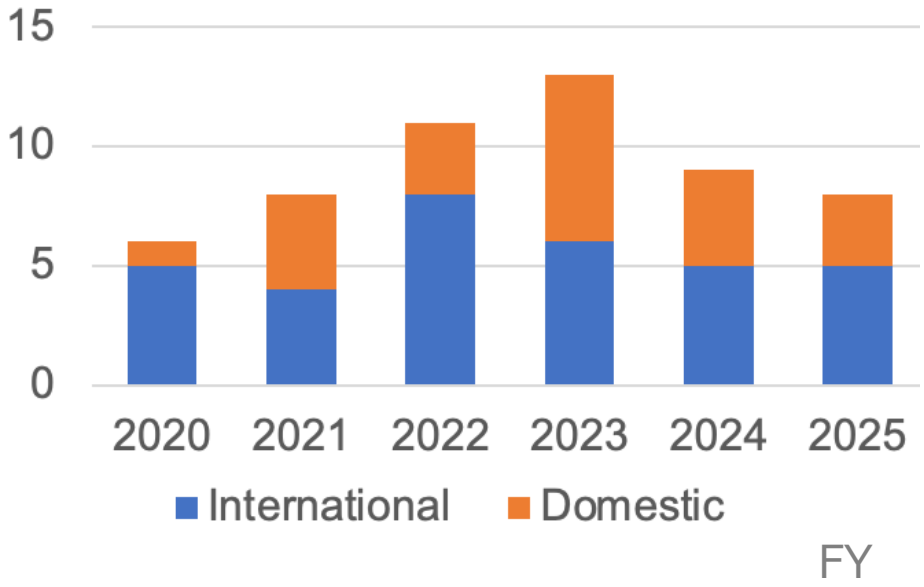
Onsite research activities in FY2025(April-September)

Visitors from Overseas 224
2025 April-September



- 23 Nation/Area
- 105 Oversea Institutes
- About 224 visitors/April-September

Workshops and Symposiums



5 international and 3 domestic meetings

Support for Summer School

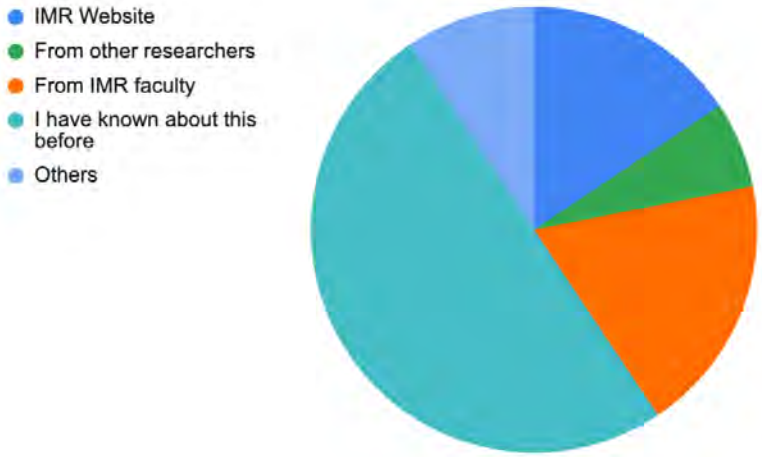
GIMRT User Opinion Survey

Follow up of GIMRT Committee Recommendation

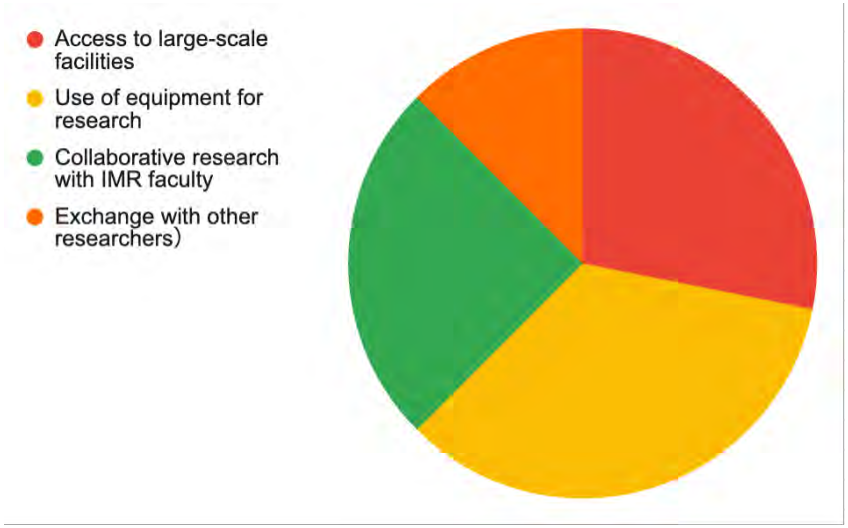
It is important to seek the views of young researchers about the issues of GIMRT to further improve the program.

User Opinion Survey, Response 84.2 %

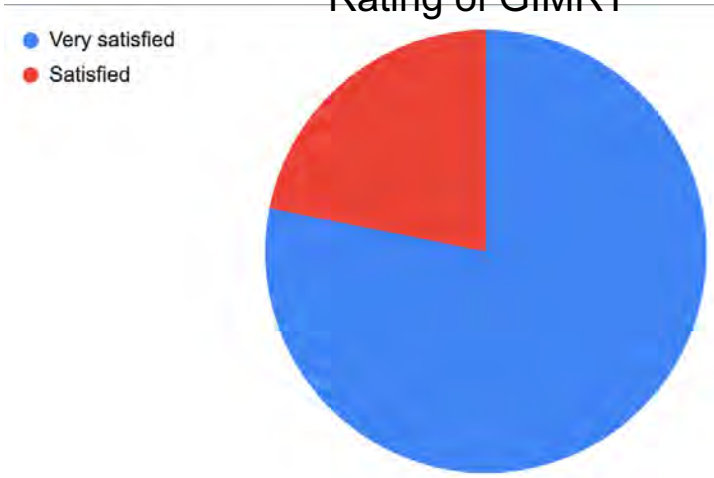
How do you know GIMRT?



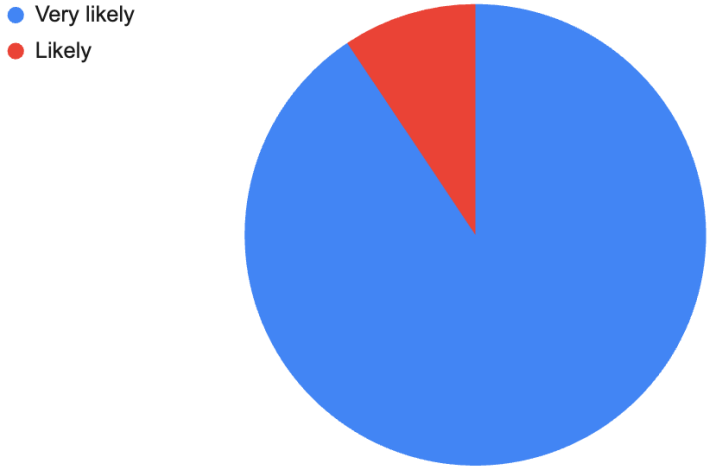
Why you use GIMRT?



Rating of GIMRT



Willing to use GIMRT again?



Opinion Survey, Requests

測定試料を郵送するときの費用を出してもらえると助かります

⇨一定のコストシェアはお願いしたい

全体での予算が配分されているので仕方ないのですが、残額が少なくなったときに予算オーバーした額を自学から出せるように内容の記載をしてほしい

⇨現状でも可能, 手続き明示方法の検討

若い助教、研究員等を含んでいる研究への分配を増額してもらうと、次世代の研究者を育成しやすくなると思います

⇨40歳以下の研究者からなる課題には20%増額

It would be better if we have facilities to get a SIM card & to open a bank account for temporary visitors, researchers staying for short term(<3 months)

⇨機器レンタルはあるがSIMは難しい。支払い方法の検討

Next SMS / GIMRT Users Meeting

The 8th Summit of Materials Science and GIMRT User Meeting is planned for 2026 Fall

Participation of Committee Members is highly Welcome

Organized in combination with the International Evaluation by External Experts

- **Scientific Sessions**
- Strong Correlation and Topology
- Energy Materials
- Computational Materials Science and Informatics
- Structural Materials Nuclear Materials
- Frontier in Metal and New Materials
- Functional Magnetic and Semiconducting Materials

https://www.sms2024.imr.tohoku.ac.jp