

Opportunities of International Cooperation What NICT can Contribute

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International Cooperation at NICT

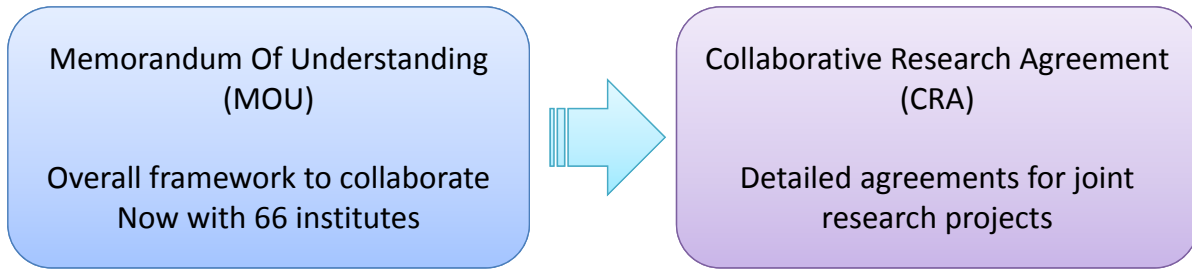
NICT tries to focus on research cooperation and standardization activities from a global viewpoint.

- Contribution to solve global issues (global warming, energy, ICT securities, etc.)
- Globalization of R&D environment
- Promotion of international standardization



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MOU and CRA



- Exchange of information.
- Exchange of staff and researchers.
- Promotion of joint research.
- Joint organization of technical meetings and workshops.

- Research plan, scope of work, intellectual property handling, resource sharing, financial responsibilities, etc.
- Mutual Collaboration or Commissioned Research.

MOU with Foreign Institutes (Asia)

The map shows Asia with callouts for Southeast Asia and East Asia. The Southeast Asia callout lists partner institutes in Singapore, Malaysia, Indonesia, and Thailand. The East Asia callout lists partner institutes in South Korea, Taiwan, and China. A summary at the bottom right states: '3 Countries (Regions) • 22 Institutes' and '3 Countries • 12 Institutes'.

Southeast Asia

【Singapore】

- Institute for Infocomm Research (I2R)
- Singapore Advanced Research and Education Network (SingAREN)
- Nanyang Technological University (NTU)

【Malaysia】

- Multimedia University (MMU)
- Malaysian Institute of Microelectronic Systems (MIMOS)

【Indonesia】

- Ministry of Information and Communications Technology (MCIT)

【Thailand】

- Office of Information Technology Administration for Educational Development (UniNet), Commission on Higher Education of Thailand
- National Institute of Metrology (NIMT)
- National Electronics and Computer Technology Center (NECTEC)
- Thai-Nichi Institute of Technology (TNI)
- King Mongkut's Institute of Technology Ladkrabang (KMUTL)
- Chiang Mai University (CMU)
- Chulalongkorn University

East Asia

【South Korea】

- Kyung Hee University
- Korea Advanced Institute of Science and Technology (KAIST-ICC)
- Korea Institute of Science and Technology Information (KISTI)
- National Geographic Information Institute (NGII)
- Electronics and Telecommunications Research Institute (ETRI)
- Korea Research Institute of Standards and Science (KRISS)
- National Information Society Agency (NIA)
- School of Computer Science and Engineering, Seoul National University (SNUSCE)

【Taiwan】

- Academia Sinica
- National Sun Yat-Sen University (NSYSU)
- Industrial Technology Research Institute (ITRI)
- Telecommunication Laboratories, Chunghwa Telecom Co., Ltd (CHT TL)
- Institute for Information Industry (III)

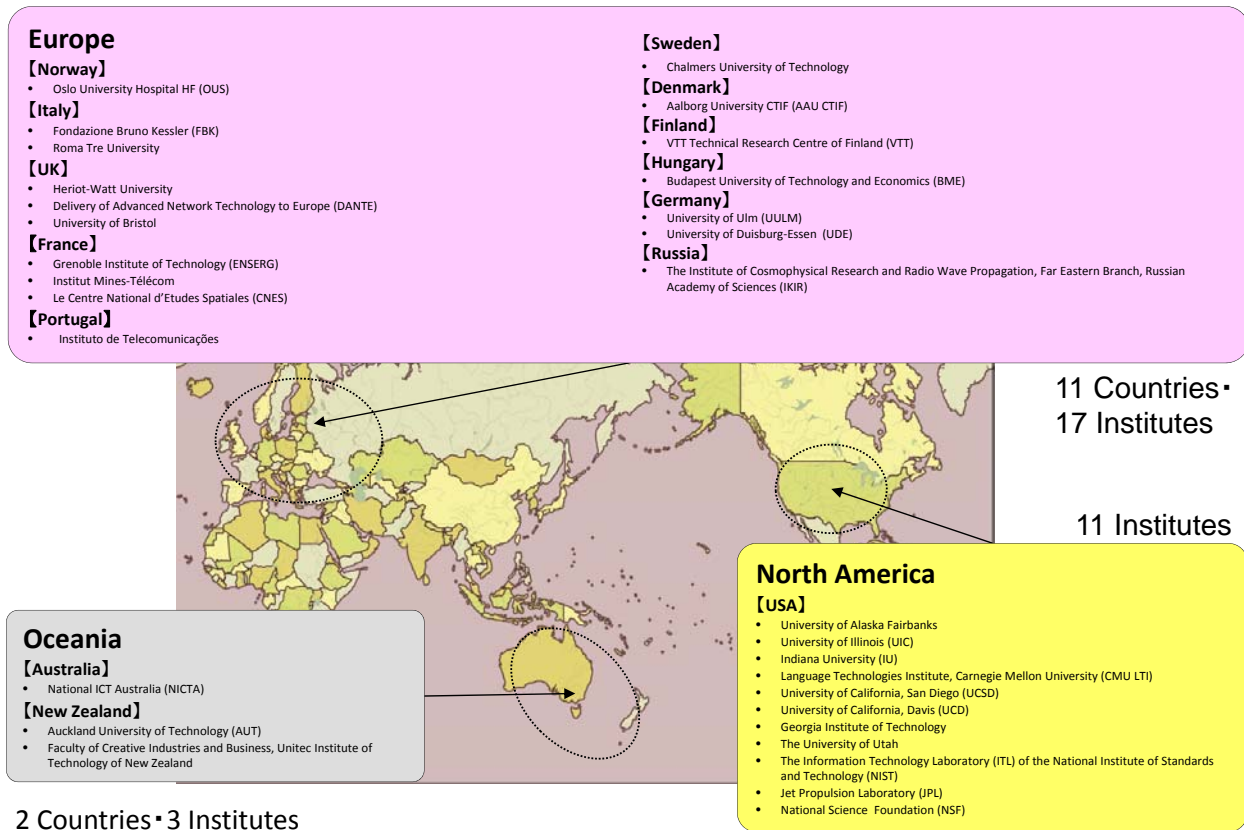
【China】

- Asia Pacific Advanced Network Ltd. (APAN)
- Tsinghua University
- China Academy of Telecommunication Research (CATR)
- National Institute of Metrology, People's Republic of China (NIM)
- Harbin Institute of Technology (HIT)
- Beijing University of Posts and Telecommunications (BUPT)
- Shanghai Jiao Tong University (SJTU)
- Beijing Jiaotong University (BJTU)
- Shanghai Institute of Microsystem and Information Technology, Chinese Academy of Sciences (SIMIT)

3 Countries (Regions) • 22 Institutes

3 Countries • 12 Institutes

MOU with Foreign Institutes (North America, Europe, Oceania)



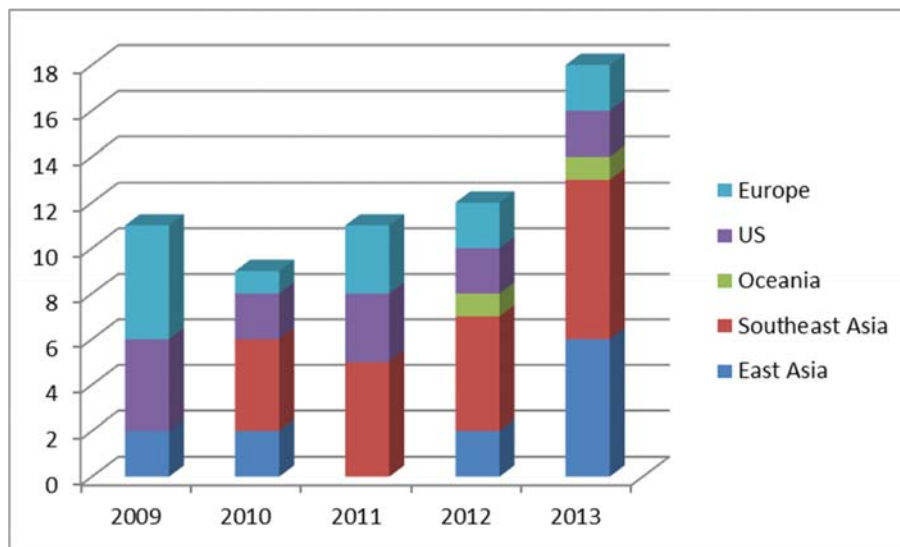
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Exchange of staff and researchers (to NICT)

- **Internship Trainee**
 - Period : one month to 1 year
 - Support : Air Tickets, Apartment, Living Allowance
 - Candidates : PhD students or PhD holders are desirable. A consent by a host laboratory is necessary.
- **Invited Advisor**
 - Short time period : < 1 month
 - Support : Air Tickets, Accommodations, Living Allowance
- **Guest Researcher**
 - Maximum Period : 1 year (renewable)
 - No financial supports from NICT

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Number of Internship Trainees (2009-2013)

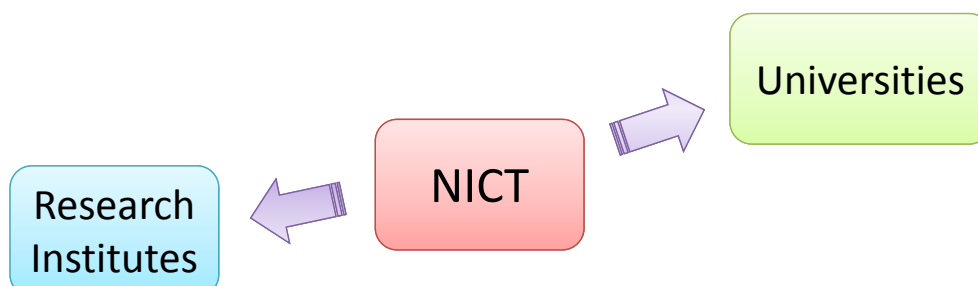


Collaborations with Southeast Asian Countries are growing!!

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Exchange of Staff and Researchers (from NICT)

- **Dispatch Program for Young Researchers**
 - Maximum Period : 1 year
 - Young researchers (up to 2 researchers each year) are awarded to stay at foreign research institutes with the expenses from NICT.



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Exchange of staff and researchers (to Japanese research institutes outside NICT)

- Invitation program for foreign researchers

- encourages Japanese research institutes to conduct joint R&D in telecommunication and broadcasting with a participation of foreign researchers.
- supports travel, living, and accommodation expenses.



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Joint organization of meetings and workshops

- Asian Forum on ICT (AFICT)

- Dec. 2009 Multimedia Univ. (Malaysia), I2R (Singapore), PTIT (Vietnam), NECTEC (Thailand)
- Nov. 2010 NECTEC (Thailand)
- Mar. 2011 PTIT (Vietnam)
- Nov. 2011 ITRI (Taiwan)
- Jun. 2012 MIMOS (Malaysia)

- Joint Workshops

- Dec. 2009 TRIDI-NICT Joint Seminar (Bangkok, Thailand)
- Jul. 2011 TRIDI-NICT Joint Seminar (Bangkok, Thailand)
- Jun. 2012 I2R-NICT Joint Workshop (Singapore)
- Jul. 2013 I2R-NICT Joint Workshop (Osaka, Japan)

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Summary

Exchange of Researchers
Internship Trainee Program, Researcher Dispatch Program, etc.

