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JAIST
JAPAN
ADVANCED INSTITUTE OF
SCIENCE AND TECHNOLOGY

Japan Advanced Institute of Science and Technology

Brief overview of AIST/CVS

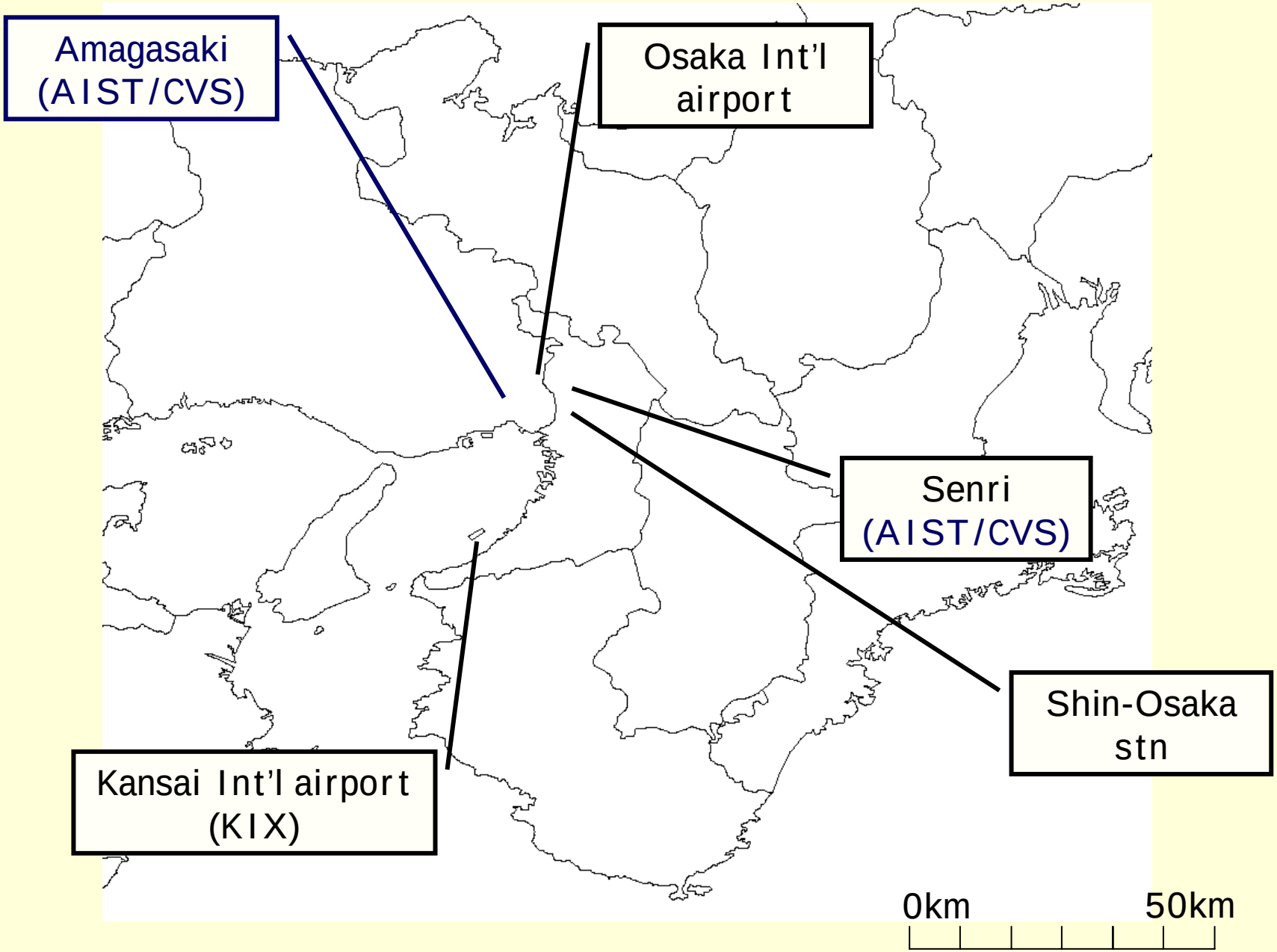
(TRUST-CVS joint workshop)

2005.9.21 Kanazawa

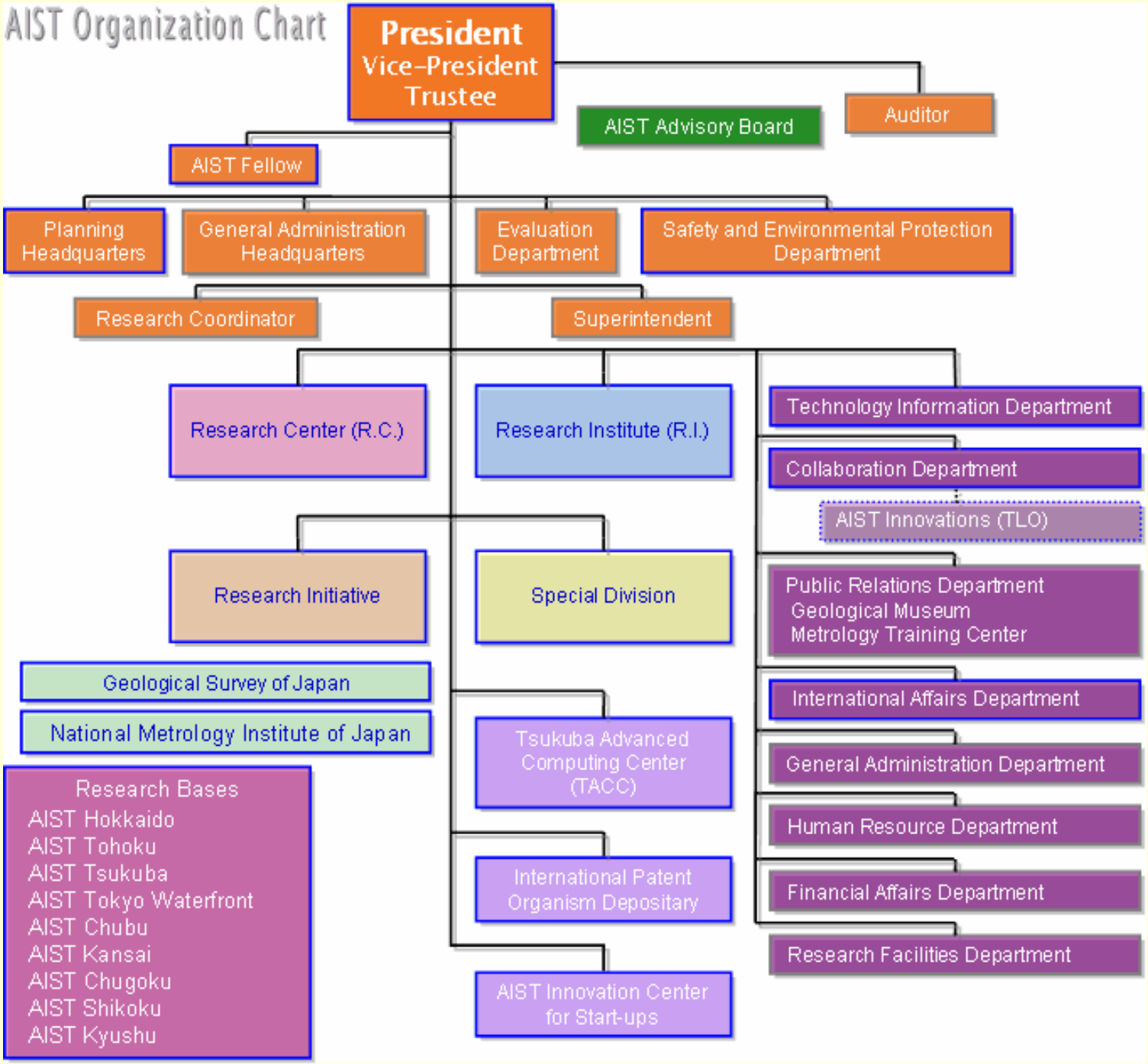
Yoshiki Kinoshita

AIST

AIST Hokkaido
AIST Tohoku
AIST Tsukuba
AIST Chugoku
AIST TokyoHeadquarters
AIST Kyushu
AIST Tokyo Waterfront
AIST Chubu
AIST Kansai
AIST Shikoku


Amagasaki
(AIST/CVS)
Osaka Int'l
airport
Senri
(AIST/CVS)
Shin-Osaka
stn
Kansai Int'l airport
(KIX)
0km
50km

AIST Organization Chart



Three kinds of "Research Units"

- Research Institute

  Set up for each field. No term (≠permanent).

- Research Center

  "Programme" set up for contemporary topic. Concentrated resources. Up to 7 yrs.

- Research Initiative (Laboratory)

  Preparatory of a new Center. Up to 3 yrs.

Research Center for Verification and Semantics (CVS) is one of the "Research Centers"

Fieldwork

- Originally, technical word in ethnology (cultural anthropology) and ecology
- Important notion for AIST/CVS!
- For us, it means jumping into society to collaborate with them, trying to solve specific problems.

  AIST/CVS: to see what happens in society

  Partners: to introduce frontier technique into their own work

Scientific Work vs Fieldwork

Scientific work done based on evaluation in academic judgment

F/W done based on evaluation in the partners' judgment

Towards <u>bidirectional interaction</u> between academia🡐🡒society

CVS Slogan: F/W : Sci./W = 4 : 6

(4:6 instead of 2:3, because of Japanese linguistic rhythm.)

- Core members are expected to be involved in both scientific and fieldwork projects.
  - Post-docs are expected to concentrate on the (scientific or field work) project which funds them.
- Bidirectional flow of information between society (industry) & science
- Instead of “teaching duty”, people have “industrial duty”.

AIST Talks for this Workshop

Koichi Takahashi 高橋孝一:
Abstraction of programs in PML

Eun-Hye Choi 崔銀惠:
Model checking Web Specifications

Makoto Takeyama 武山誠:
Towards Agda2

F/W

Sci./W

Toshinori Takai 高井利憲:
TBA

Hitoshi Ohsaki 大崎人士:
ACTAS

FIN