

telescience WG Update

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Pragma 25

Challenge

- Can we use Pragma Cloud?
 - Requirement?: security?, performance? Sustainability?, Reliability?
- We will be joining with GeoScience WG
- Funding?
 - CPS (Cyber Physical System) Project started in Japan.
 - Disaster management information platform will start next January in Taiwan
 - Flood modeling and Coral reef ecological monitoring in Thailand.
 - TEIN or APAN
- Data infrastructure Meeting: 4-6, December@Taichung
 - Theme: "Bridging Big Data Infrastructures: Expeditions in the Network Science Landscape"

- Short term goal
 - find collaborative project with pragma resource
 - Collaboration with Museums
 - Use of Android devices
 - introduction of SDN into visualization
- Long term goal
 - build common infrastructure for telescience and geoscience WG and more.



Umekita Phase 1 Development Area Project GRAND FRONT OSAKA

KNOWLEDGE CAPITAL

<http://kc-i.jp/>





COVER

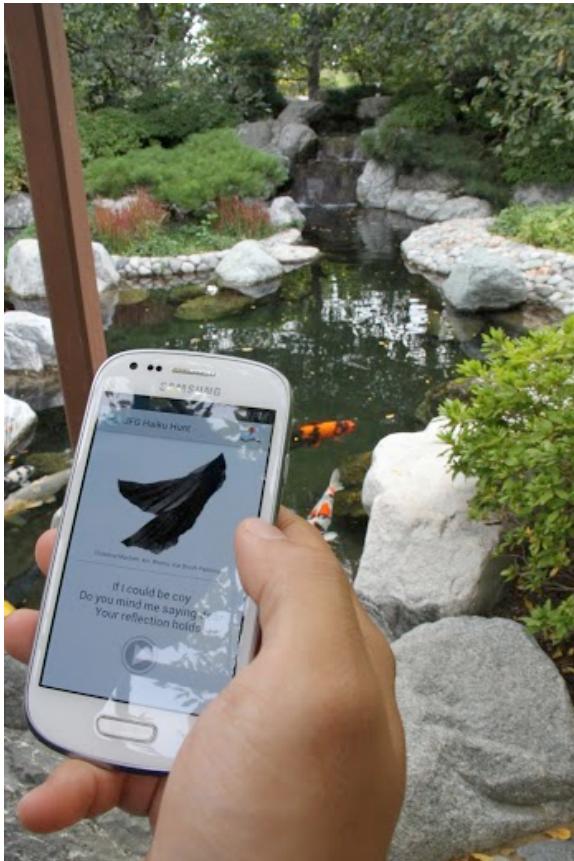
- move world
- move world trans
- move world rot
- scale world
- view all
- reset view
- stop headtracking
- navigation...
- scale plus
- scale minus
- view options...
- misc...
- COVER...
- VRML

statistics

Italy and Japan collaborative event “Art and Science”



JFG Haiku Hunt (San Kai En)



JFG Haiku Hunt (San Kai En)



Solar powered PlaceSticker device (ISID, Tokyo, Japan)



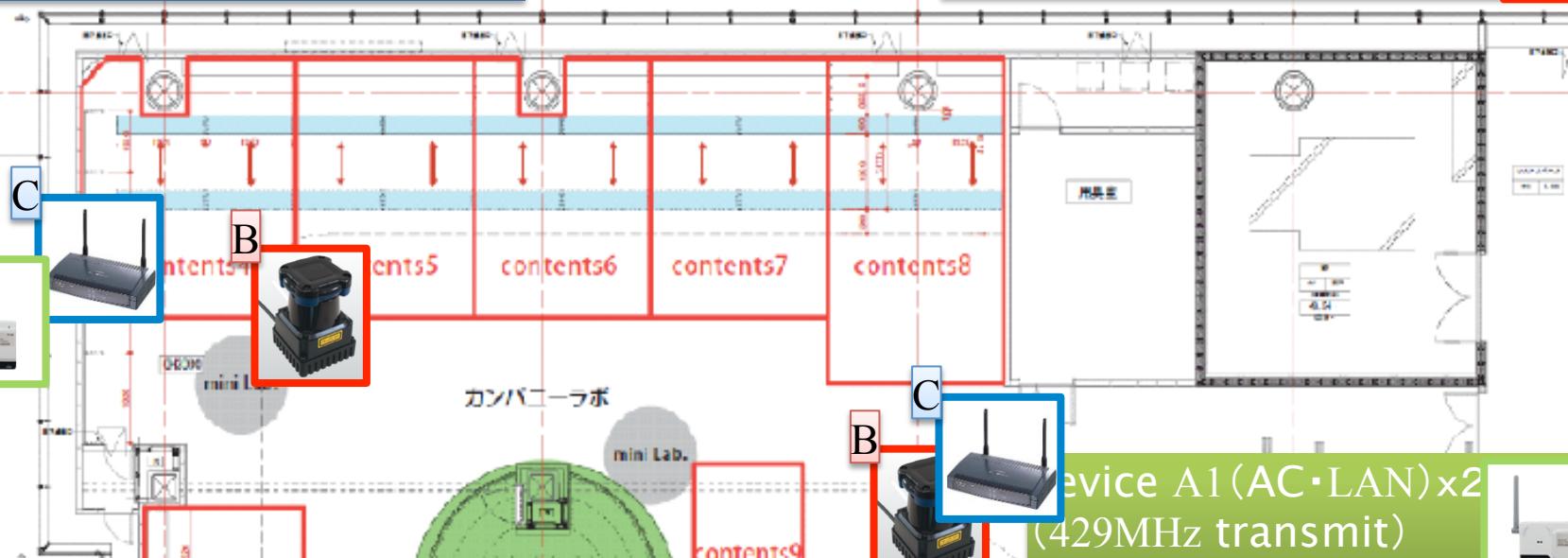
device C(AC・LAN)×4
(2.4GHz transmit)



device B(AC・LAN)×4



A1



device A1(AC・LAN)×2
(429MHz transmit)



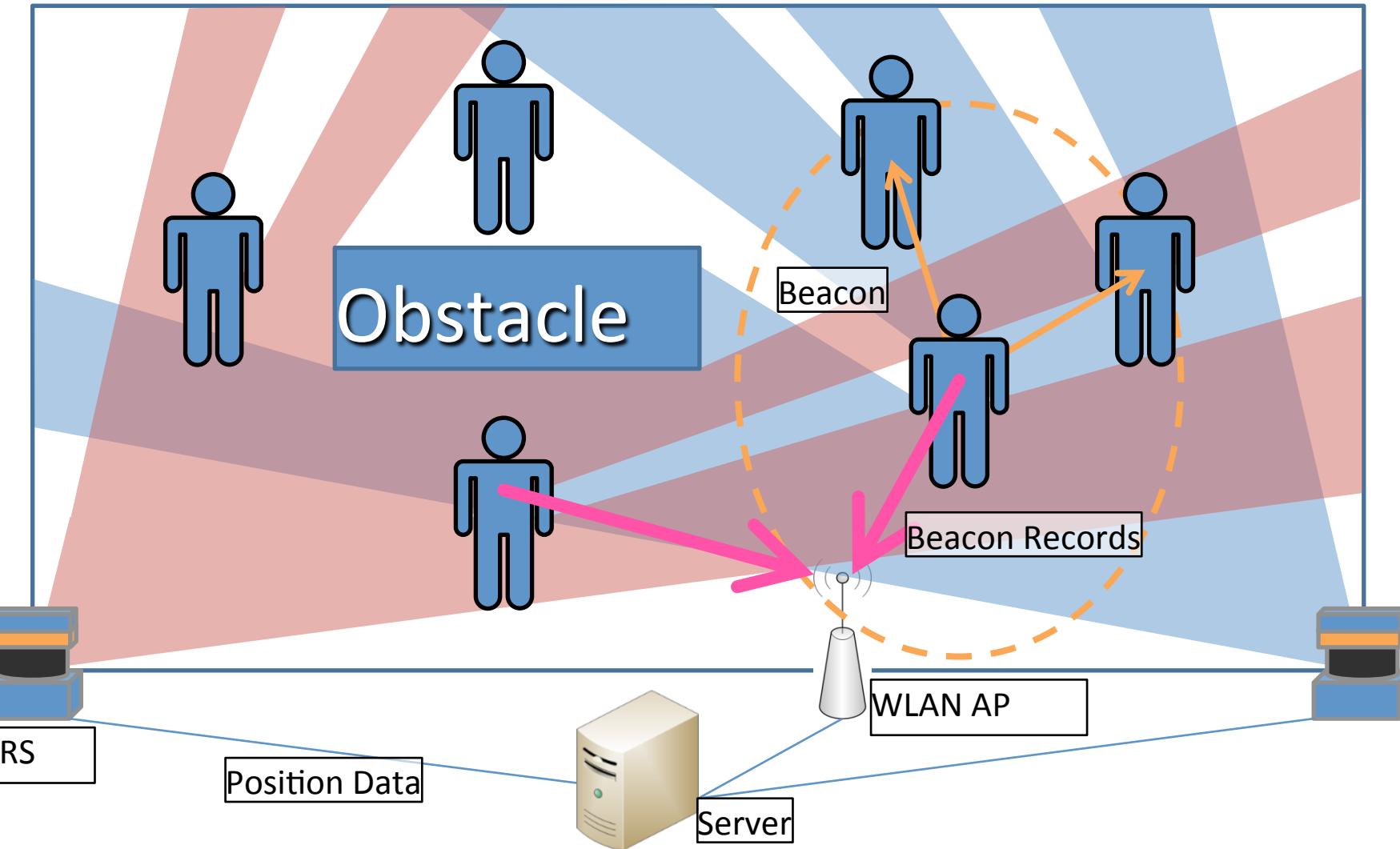
device A2(AC)×2
(429MHz transmission)



device A3(battery)×3
(429MHz transmission)



System Architecture



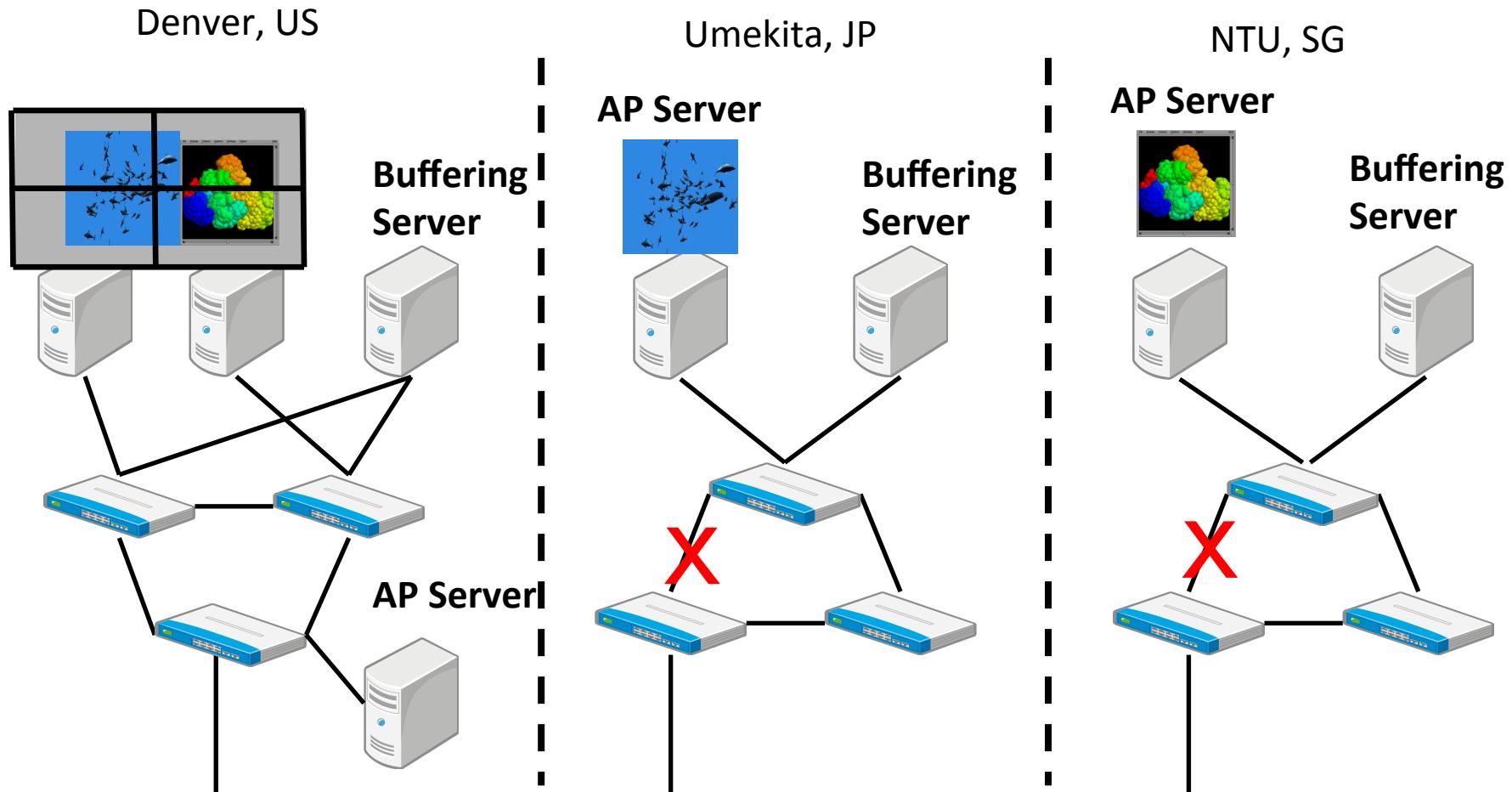
The Lab.

「情報」をアート&デザインで
わかりやすく
VisLab OSAKA



Demo Plan at SC13

- Network failure avoidance on wide area network



Mini-PRAGMA in Jakada & Kinabalu Biodiversity Expedition: Biodiversity+Telescience (June,2013)

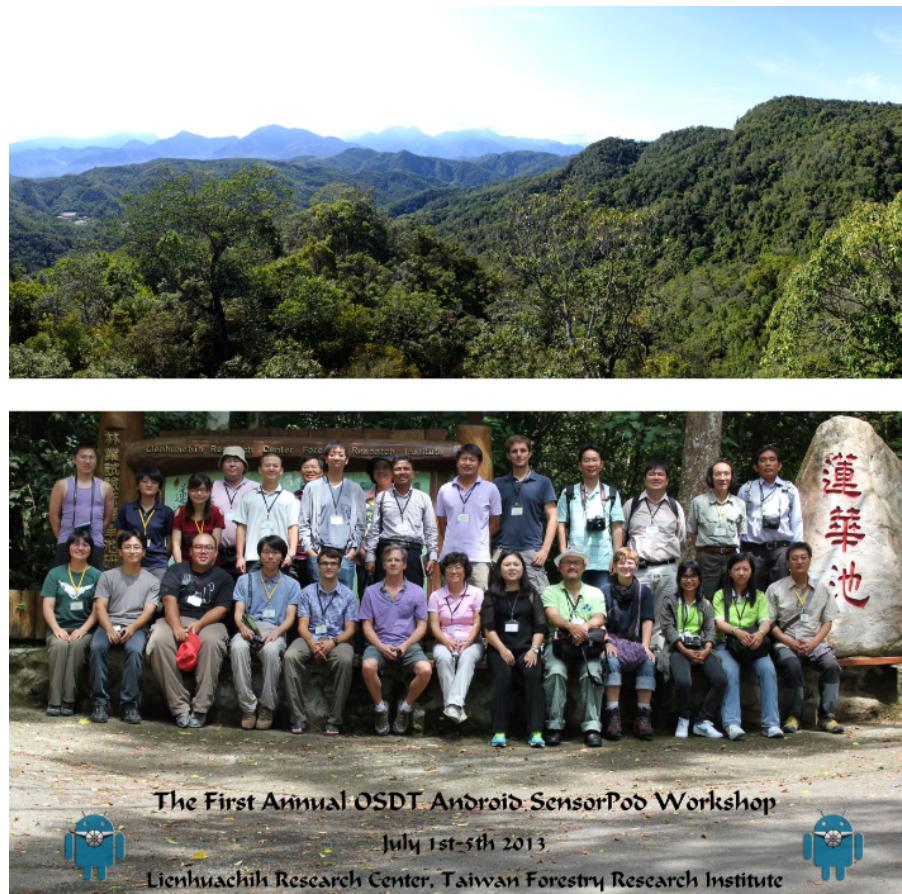


Mobile device Technology

- ***First OSDT Android SensorPod Workshop.***

1-5 July 2013, TFRI, Taiwan

- To facilitate the exchange of ideas, data, technologies, and methods for using wireless sensor networks for environmental science applications
- To identify common scientific agendas and initiate cross-site data analysis applications and collaborations
- To reduce the fragmentation of technology and infrastructure in environmental science research groups
- To provide international research experience to undergraduate and graduate students in environmental science and sensor network technologies
- To enhance existing collaborations and to create new opportunities for technology sharing and scientific research

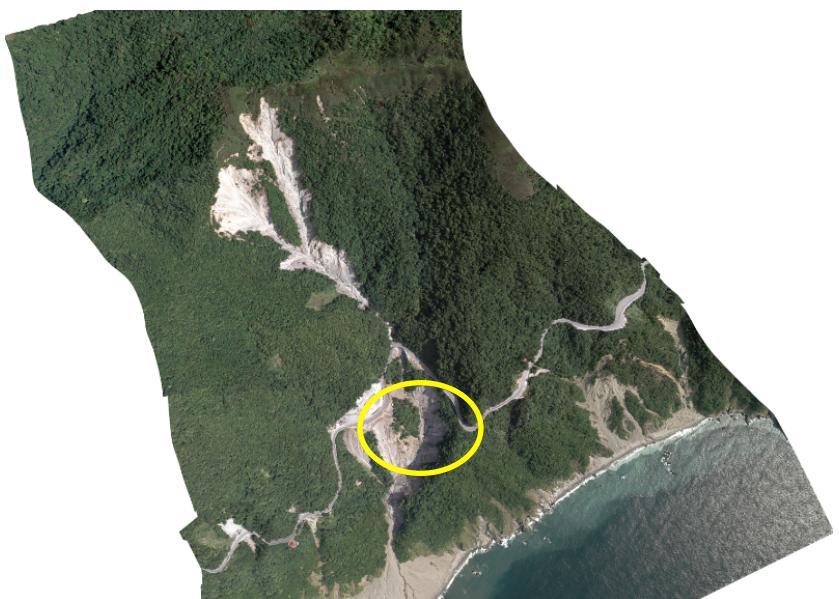


GLEON 15 Meeting



- November 4-8, Bahia Blanca, Argentina
- General global collaboration in Limnology.
- Form new community *Networking Lake Observatories in Europe*
- Student community working with *high frequency data*
- Heading towards new and sustainable organizational funding structure.

Large Data Visualization & AR: 4K Projection: Large LiDar Point Cloud + SAGE



Source: Srong Engineering Consulting Co, Ltd., Taiwan & Prof. MD Yang, NCHU

Southeast Asia Joint Discovery (2-6, Dec)



Southeast Asia International
Joint Research and Training Program
東南亞國際合作高速計算應用與網路共同研究暨培訓研習會



Welcome 2013

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Sponsorship

Agenda

Registration

Invited Speakers

Venue

Visa Application

Accommodation



Welcome to SEAIP 2013

[Agenda](#)

[Registration](#)

[Important Dates](#)

Dear Colleagues,

On behalf of the National Center for High-Performance Computing (NCHC), it is our great pleasure to welcome your participation in SEAIP 2013!

Taiwan is also known as "Formosa" which means "Beautiful Island." Included in Taiwan's 19 major cities and counties are bustling metropolises like Taipei, Taichung, and Kaohsiung. Also, Taiwan's fifth largest city, Hsinchu, has one of the highest densities of hi-tech enterprises in the entire world! Natural wonders such as Hualien County's splendid ocean views and magnificent mountain scenery and Kaohsiung's port views are not to be missed! This beautiful island, full of cultural, natural, and hi-tech wonders, promises a very

PRAGMA
Institute

環太平洋聯盟學院

Taichung

Travel in Taichung



Taiwan

THE HEART OF ASIA



Structure

- Day 1
 - information exchange
- Day2
 - Discussion for collaborative project.
 - Joint with GeoScience WG