# Telescience Update

Shinji Shimojo

(Susumu Date)

Fang-Pang Lin

# Tele-science on Tomography



Provided by Dr. Naoko Yamada (NCMIR)



Chalk Lake, Ontario, Canada



Lake Kinneret, Israel

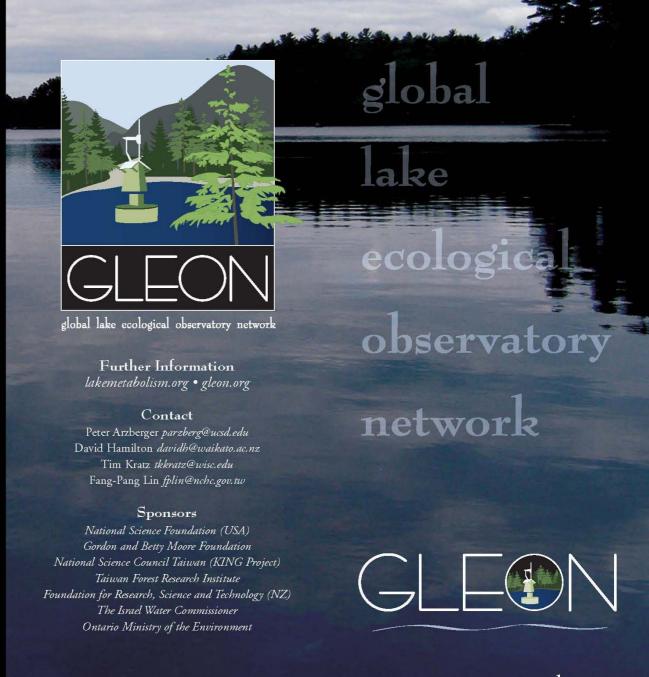


Trout Lake, Wisconsin, USA



Yuan Yang Lake, Taiwan

Background Image: Fallison Lake, Wisconsin, USA



gleon.org

- Global Lake Environmental Observatory Network (GLEON)
  - GLEON 4 held at Lake Paarjarvi, Lammi,
     Finland, March 2-5, 2007 (with RCN pre-meeting)
  - Lake Erken of Sweden joins GLEON.
  - Special session in SIL 2007, Montreal, Canada, August 12-18, 2007.
- Global Coral Reef Observatory Network (CREON)
  - Joint meeting of Coral Lab NMMBA, Polyp Lab CSUN, and MCR-LTER Lab UCSB.

#### **Global Lake Environmental Observatory Network**



RCN initiative: Yellow are existing GLEON Sites or Participants



**GLEON 4 at Lammi, Finland** 



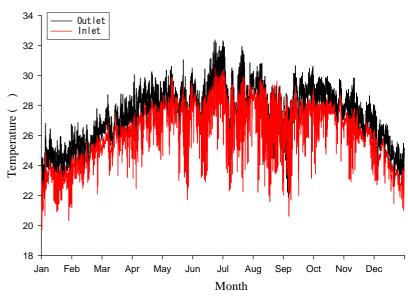


#### **Coral Reef Environmental Observatory Network (CREON)**

Performance of key functional groups across a range of temperature regimes

Peter Edmunds (CSUN), Tung-Yung Fan (NMBMA), Stuart Kininmonth (AIMS)





Source: Tung-Yung Fan

#### Prof. Edmunds and graduate students conduct researches in NMMBA



#### 調查墾丁珊瑚暖化威脅

## 美教授:受害情况不嚴重

情況並不嚴重。

落山風強勁,把高溫海水吹向外 作調查,來訪10天中,由樊同雲

彼德愛德蒙 (左一)到

光客多及當地居民爲了生活過度 脅,但墾丁有湧升流保護,可望 他說,全球暖化,已對地球生 的捕撈,對珊瑚生存都造成壓力 成爲世界珊瑚的「避難所」。

Source: Tung-Yung Fan

#### Joint Meeting of Coral Lab NMMBA, Polyp Lab CSUN, and MCR-LTER Lab UCSB

Proceedings of Coral Lab NMMBA, Polyp Lab CSUN, and MCR-LTER Lab UCSB Joint Meeting March 9 2007 NMMBA, Taiwan















Source: Tung-Yung Fan

# **Update From Pragma11**

- Set up Mailing list (Thanks Ken) and Wiki (Thanks You!)
  - http://pragma-telesciences.ais.cmc.osaka-u.ac.jp/mywiki/Welcome
- We synthesize our effort on SC06 by The optiportal (Thanks Phil and Peter)
- We won the HPC Analytic Challenge finalist !!(Nozaki and Peltier)
- We set up two tiled display wall in Osaka University.
- We will briefly describe your tele-science infrastructure on Blog
- We will gradually come up with common architecture and infrastructure for telescience with help of other WG (especially Resource)
- Deployment of Sensor network in Japan is



# HPC Analytics Challenge 2006

**Chair: Dr Paul Fussell** 

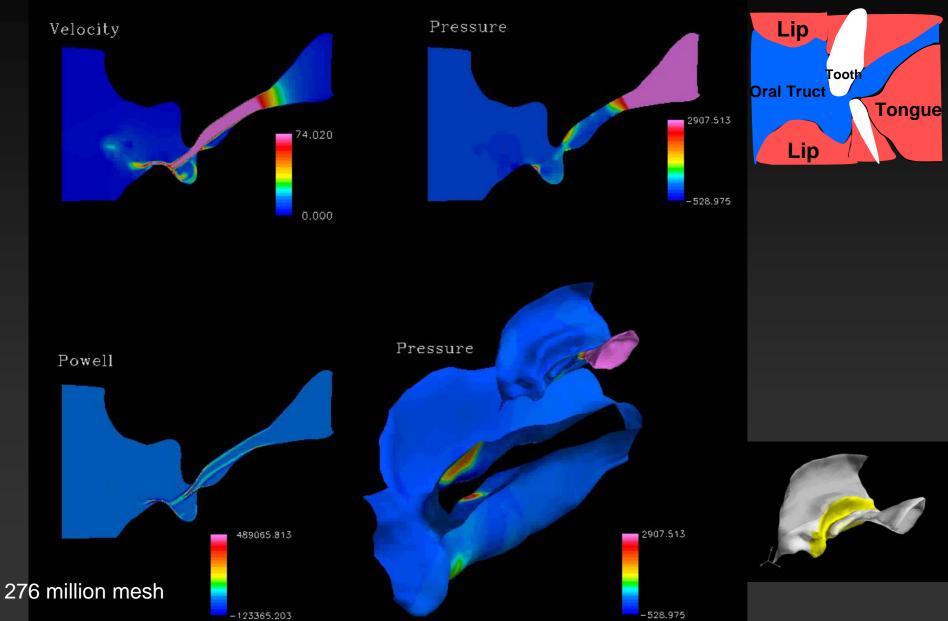
# Computational Oral and Speech Science on E-science

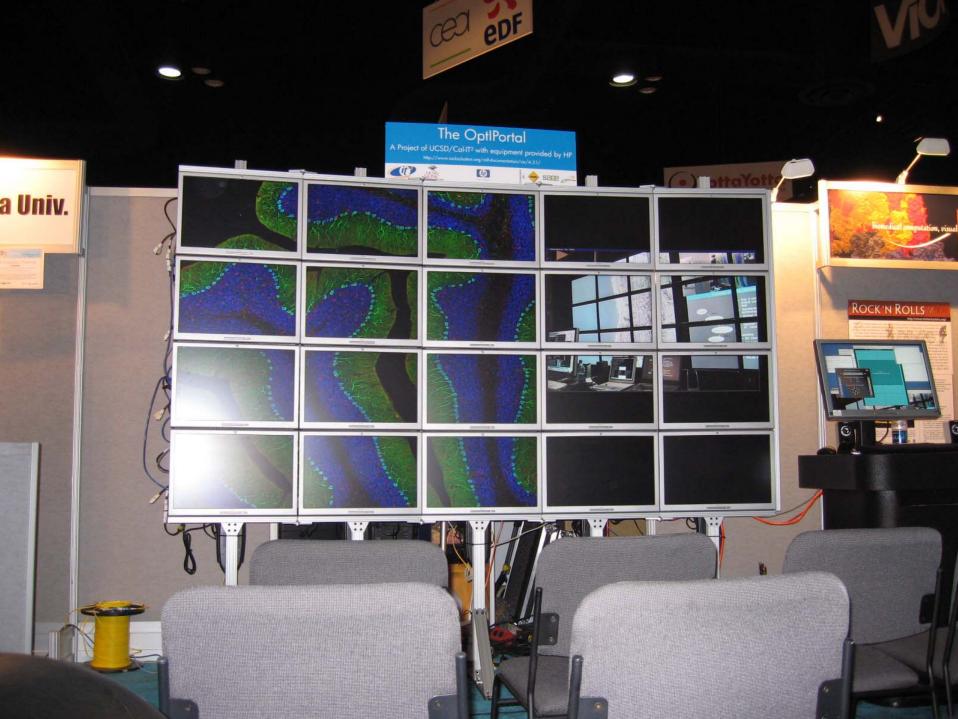


# How to make the oral truct model? - by using Cone Beam CT?This experiment has been certificated by the ethics committee at Faculty of Dentistry, Osaka University



# LES Results 2/2





## Today and tommorow(Room 2B)

- Fang Pang Lin
- Tuchida,
- "A Study on Event Control Module of User Input for SAGE" by Seiki Kuwabara
- "Tiled Display Activity report in JGN2 Osaka Research Center", Yang Shuo
- "Sensor Network for Weather Forecast", Tanaka Hirokazu
- "Research on Reputation System in Sensor Network", Hiroaki Yamanaka
- "Telescience Wiki", Yang Shuo
- Nway iHD500 by U. Wash.
- And more ...