



# **Developments of a Package Program of the Muon-Site Calculation**

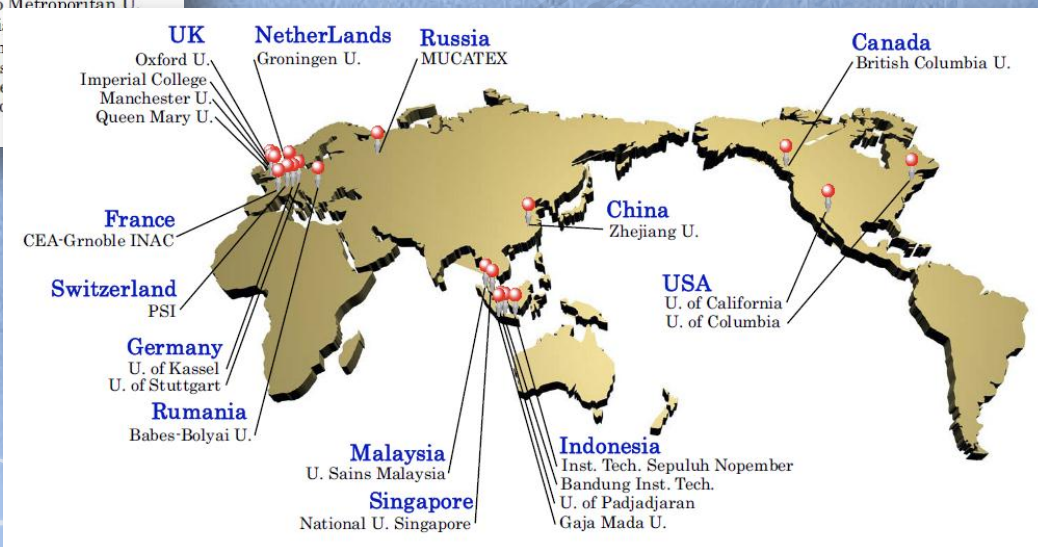
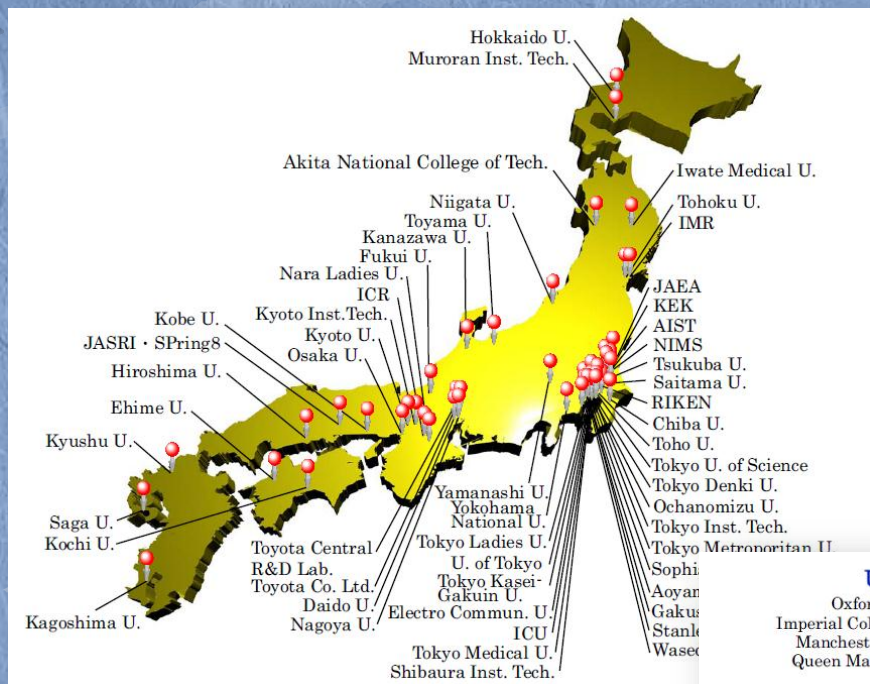
**Isao Watanabe, Budi Adiperdana  
(RIKEN)**



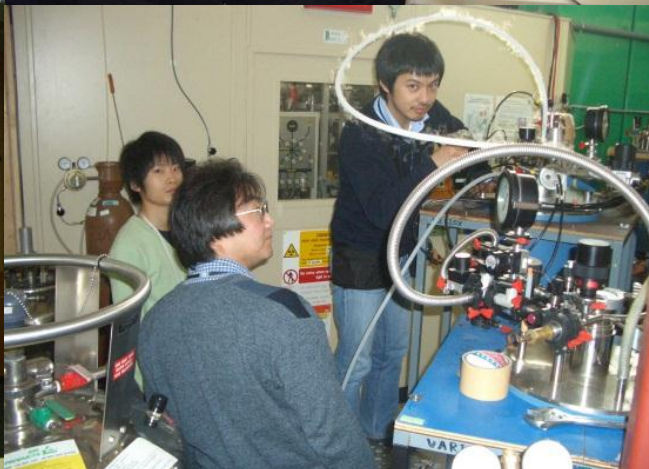
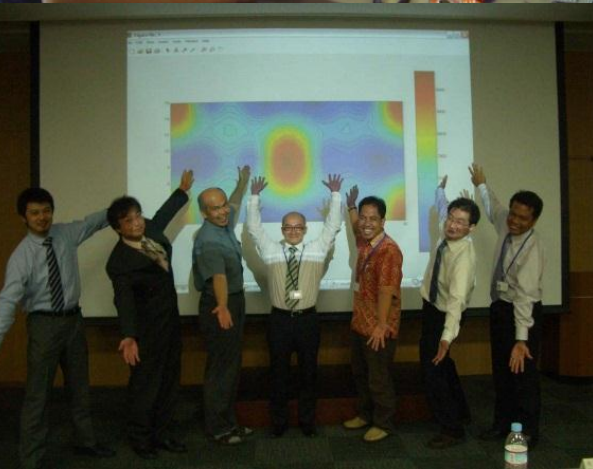
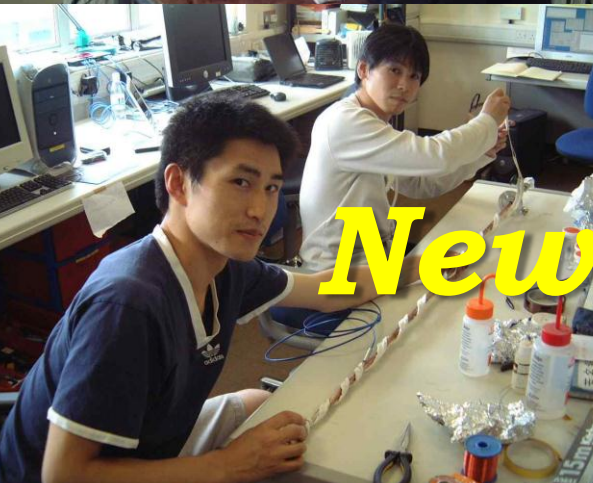
# Domestic/International Collaborations at the RIKEN-RAL Muon Facility

**1995 ~ 2012**

**> 60 domestic  
21 international  
~ 380 papers**

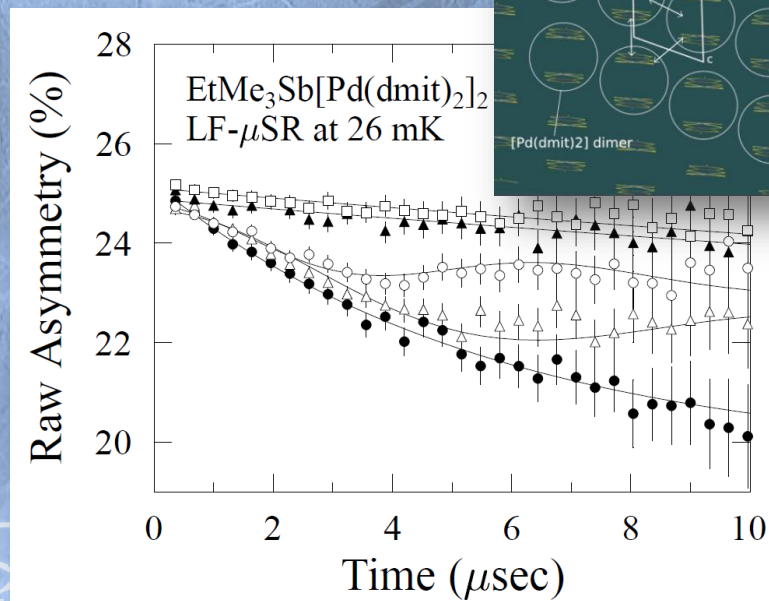
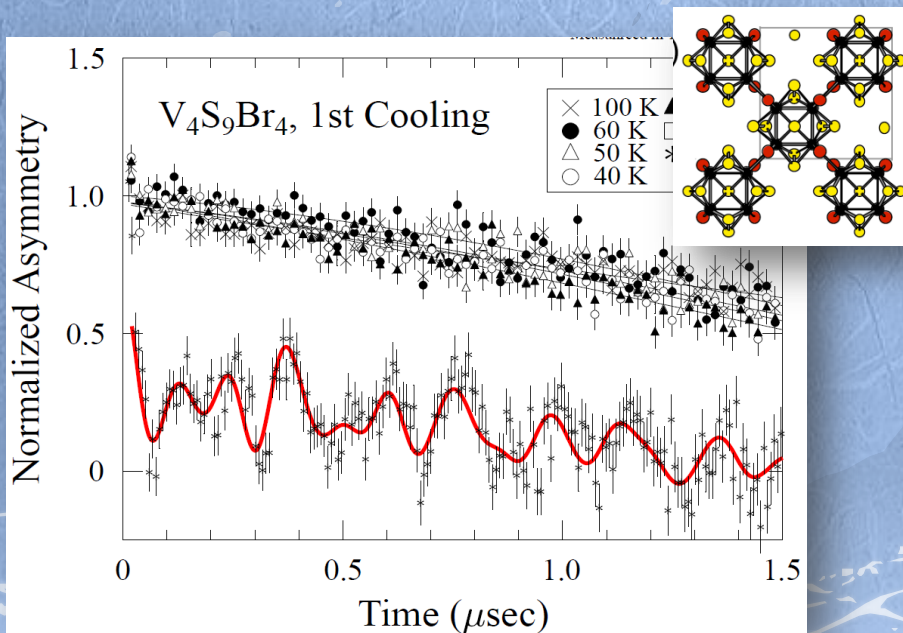
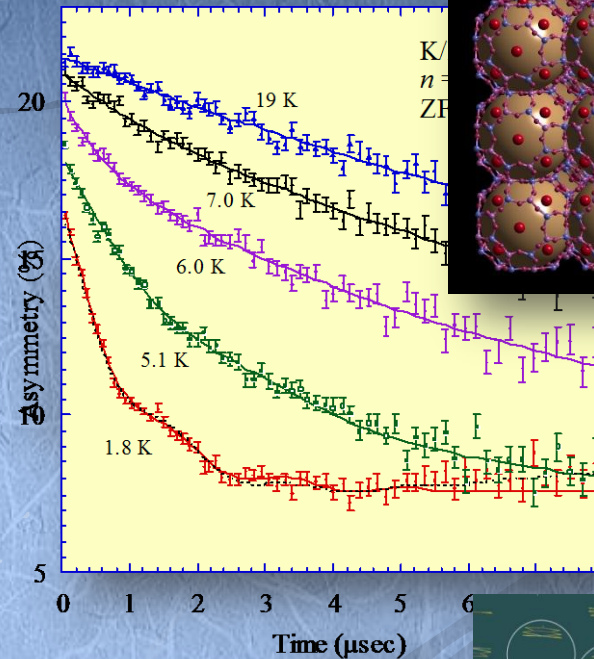
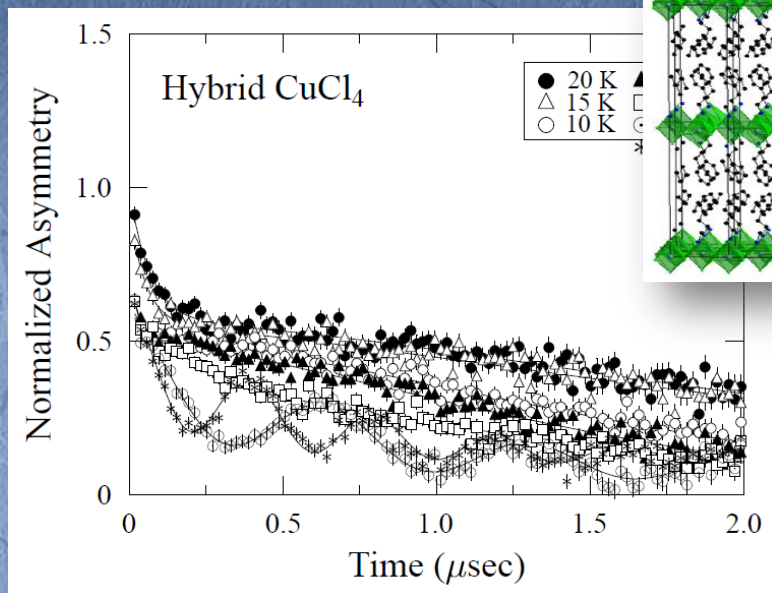




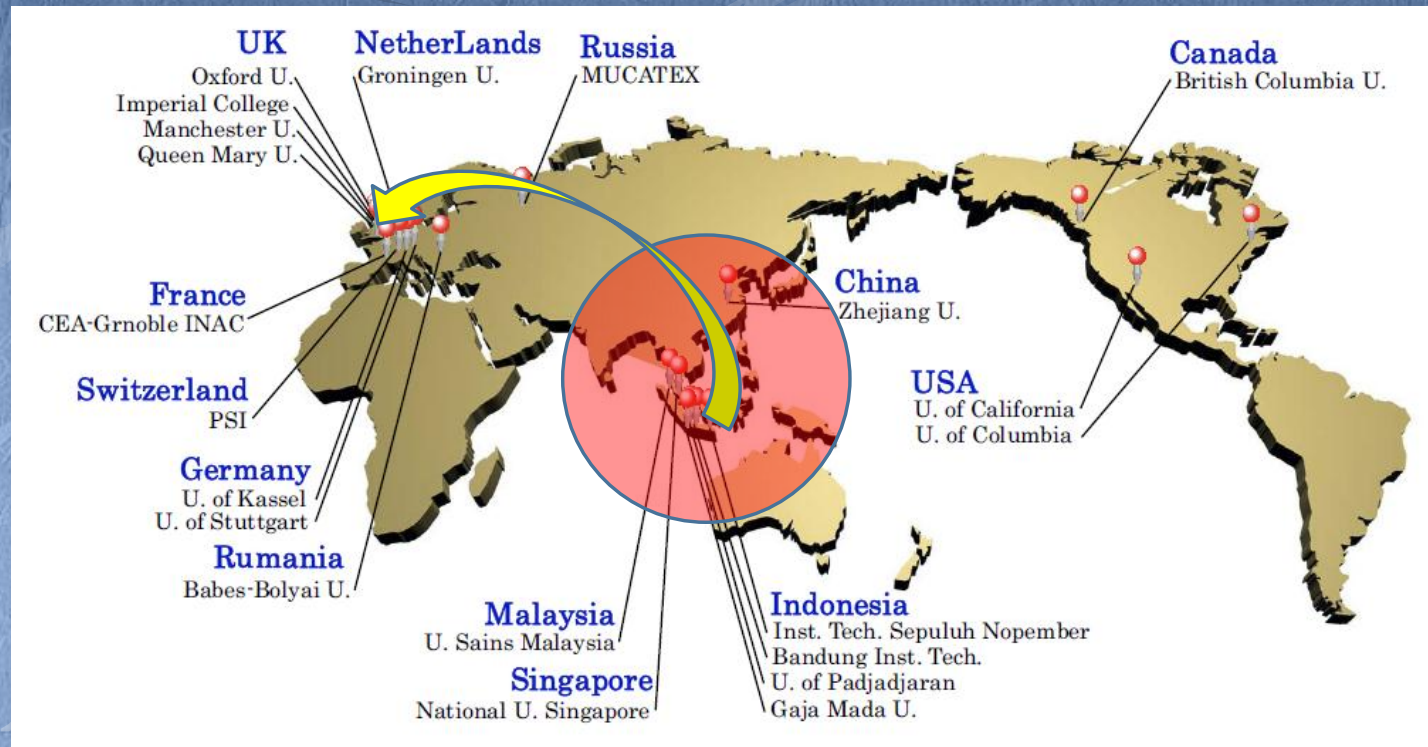


*New Users for  $\mu$ SR*









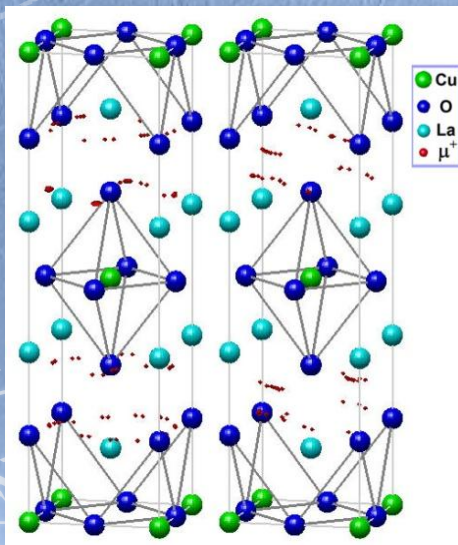
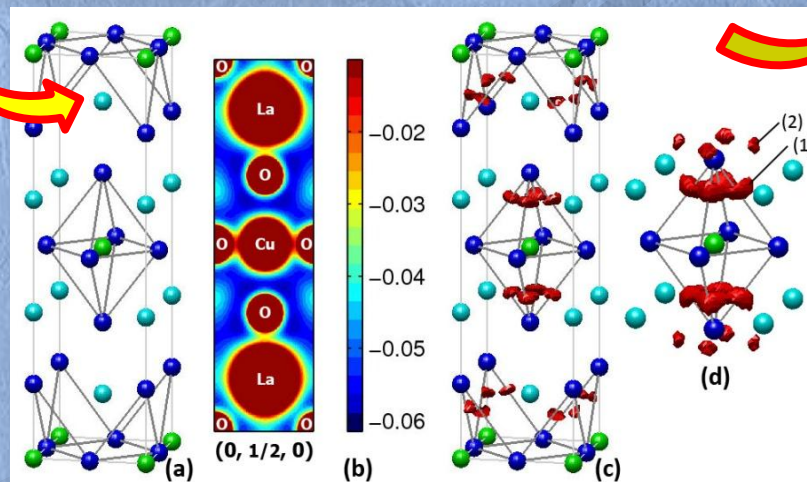
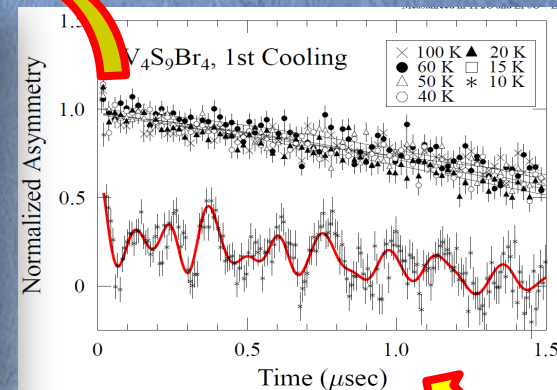
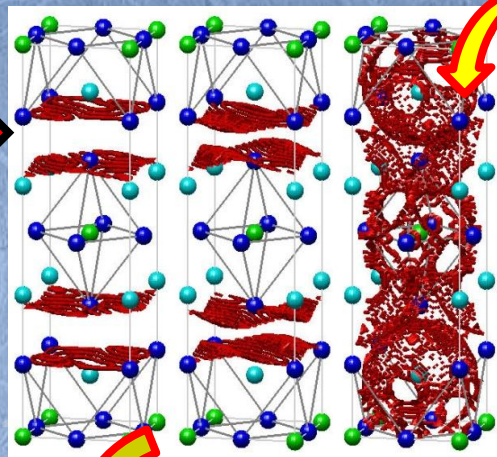
***New Users for  $\mu$ SR***



# Our Plan




PC & operator

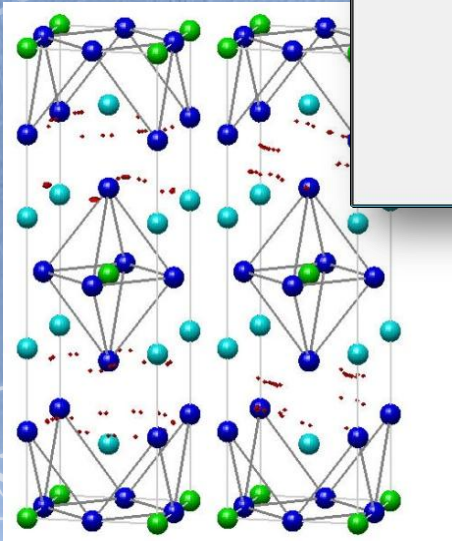


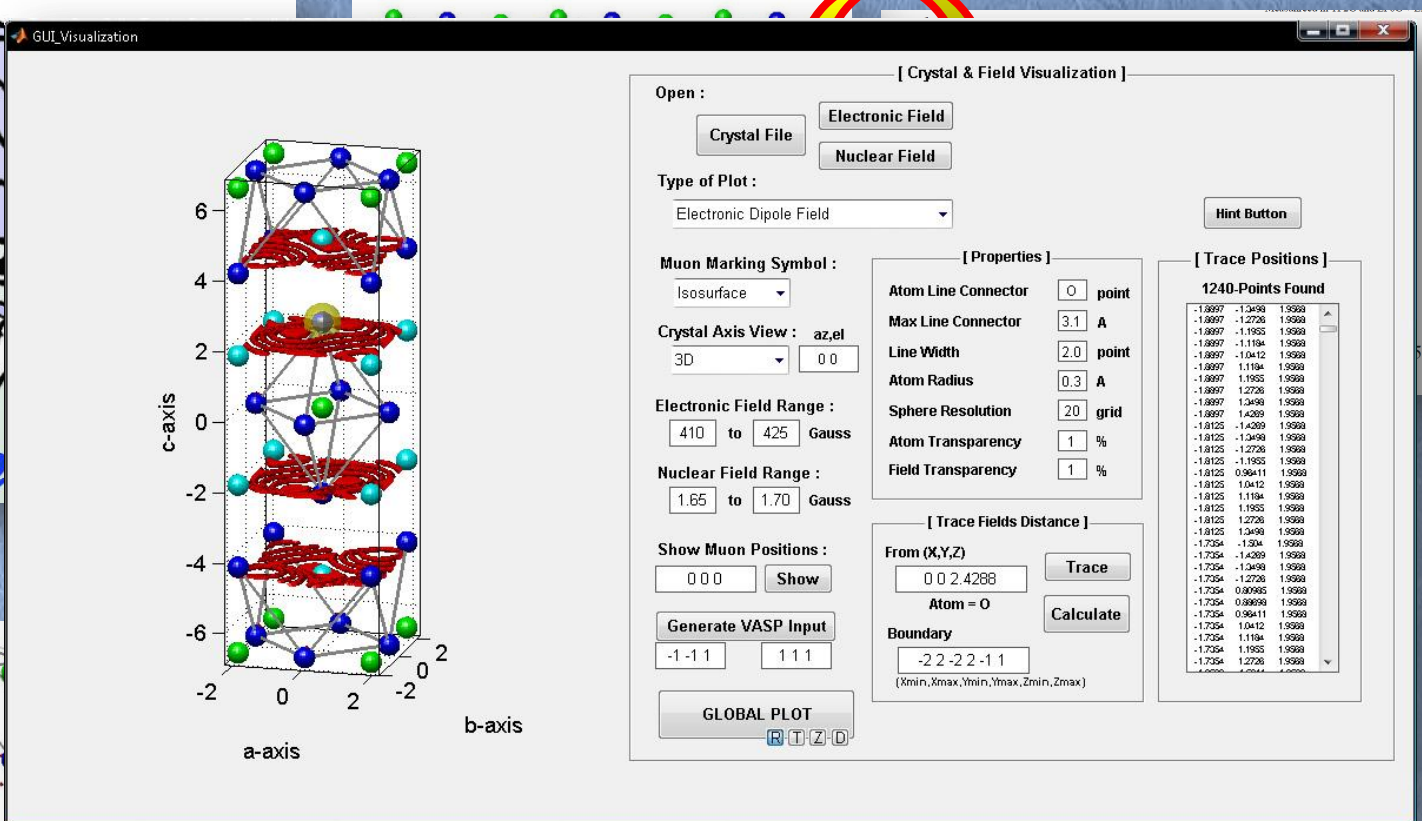


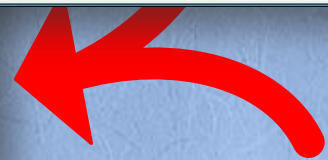
# Our Plan

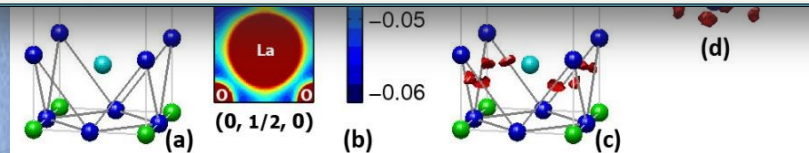


PC & open









## Package Program

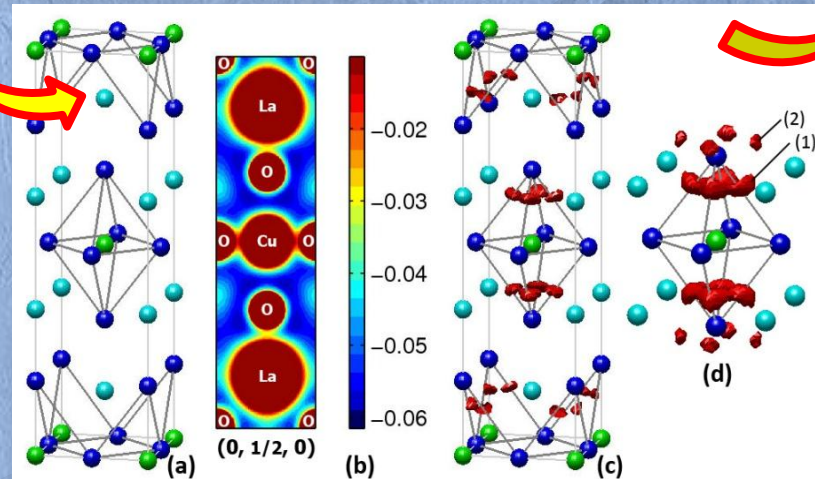
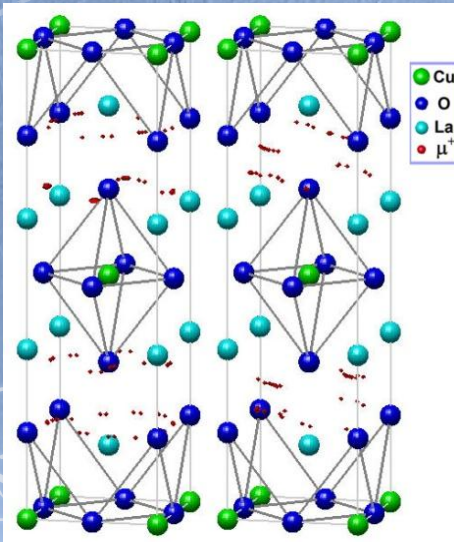
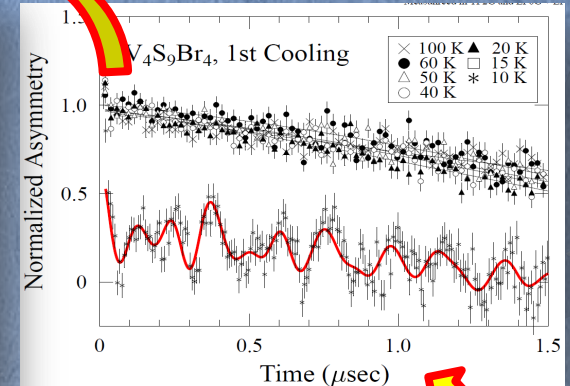
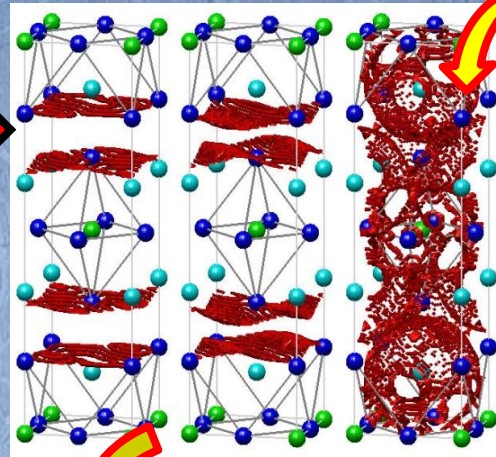


# Our Plan

## HOW??

## WHO??

PC & operator



## Package Program



# HOW ??

## 8,000 Cluster Computer in RIKEN



- Free to use for RIKEN-registered persons.
- Registration procedures and trainings are required.



# ***HOW ??***

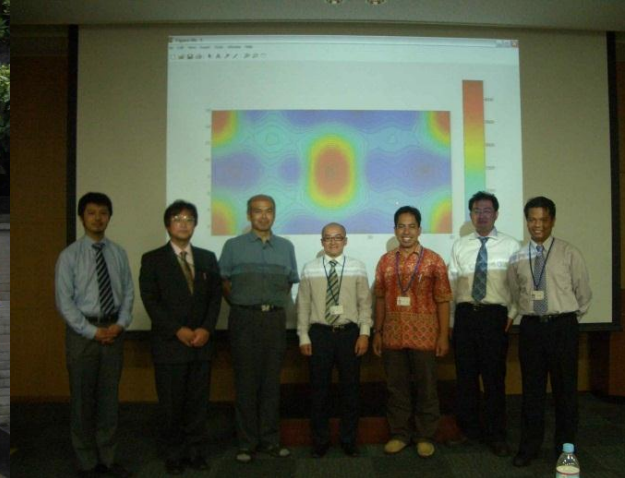
# ***WHO ??***

## **8,000 Cluster Computer in RIKEN**



- **Free to use for RIKEN-registered persons.**
- **Registration procedures and trainings are required.**





*Potential Activities in Asia*



# Collaborations with Asian Groups



**U. Sains Malaysia  
Malaysia**



**U. Padjadjaran  
Indonesia**

## ***Muon-Site Calculation***





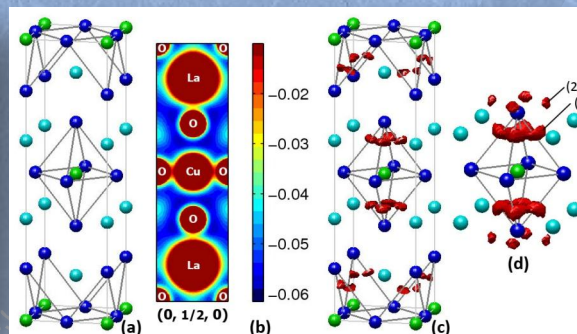
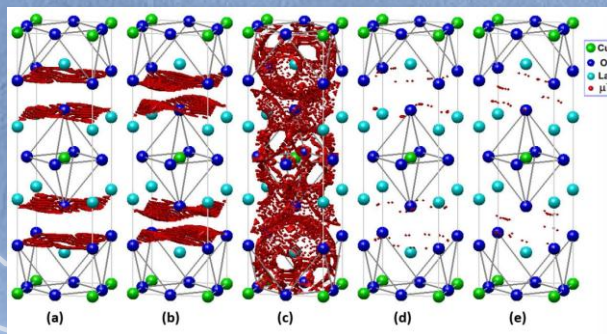
# Collaborations with Asian Groups



U. Sains Malaysia  
Malaysia



U. Padjadjaran  
Indonesia





# Collaborations with Asian Groups



**U. Sains Malaysia  
Malaysia**

**U. Padjadjaran  
Indonesia**



- **RIKEN-USM Center**
- **MOU on the basis of the muon science**
- **Exchange students and researchers**



**International Workshop for  
the Muon Site Calculation at  
Penang/Malaysia in 2013**





***Thank you very much !!***



