

IMSS/KEK Symposium '08

- Advances in structural materials science
using synchrotron light, neutron and muon –

(Tsukuba, Oct. 16-17, 2008)

SUMMARY

Session on “Excited States of Condensed Matter and Materials under Extreme Conditions”

Japan Atomic Energy Agency (JAEA)

Quantum Beam Science Directorate & J-PARC Center

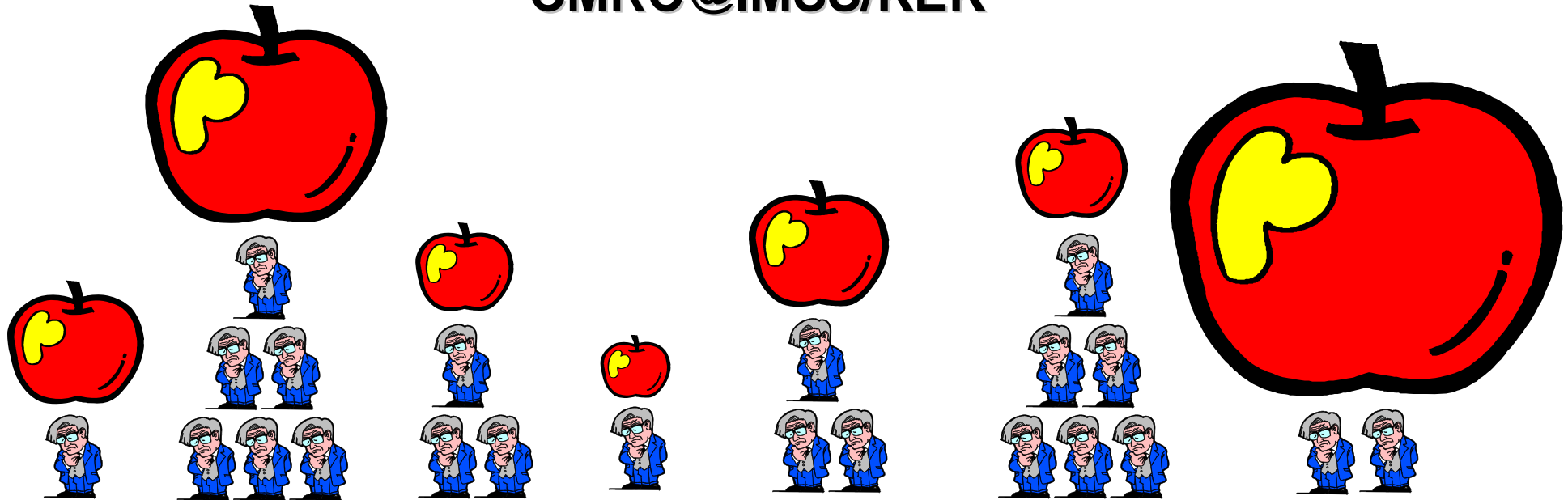
Yasuhiko FUJII

Structure and Dynamics in Condensed Matters

	Structure	Dynamics
Crystal (Lattice)	Ohtani “S(Q,0) , G(r,t) _{imaging} under P-T in Earth & Planetary Science”	Mizuki “S(Q,ω) in SCES”
	X (+N, M)	X (+N)
Magnetic		Itoh “S(Q, ω) with high ΔE/E in Spin”
		N (+M)
Electronic		Hill “S(Q, ω) in SCES, S(Q,t) in Orbital domains” Mizuki “S(Q, ω) in SCES, S(Q,t) in Charge”
		X (←3 rd Generation Source)

Small Science at Large Facility

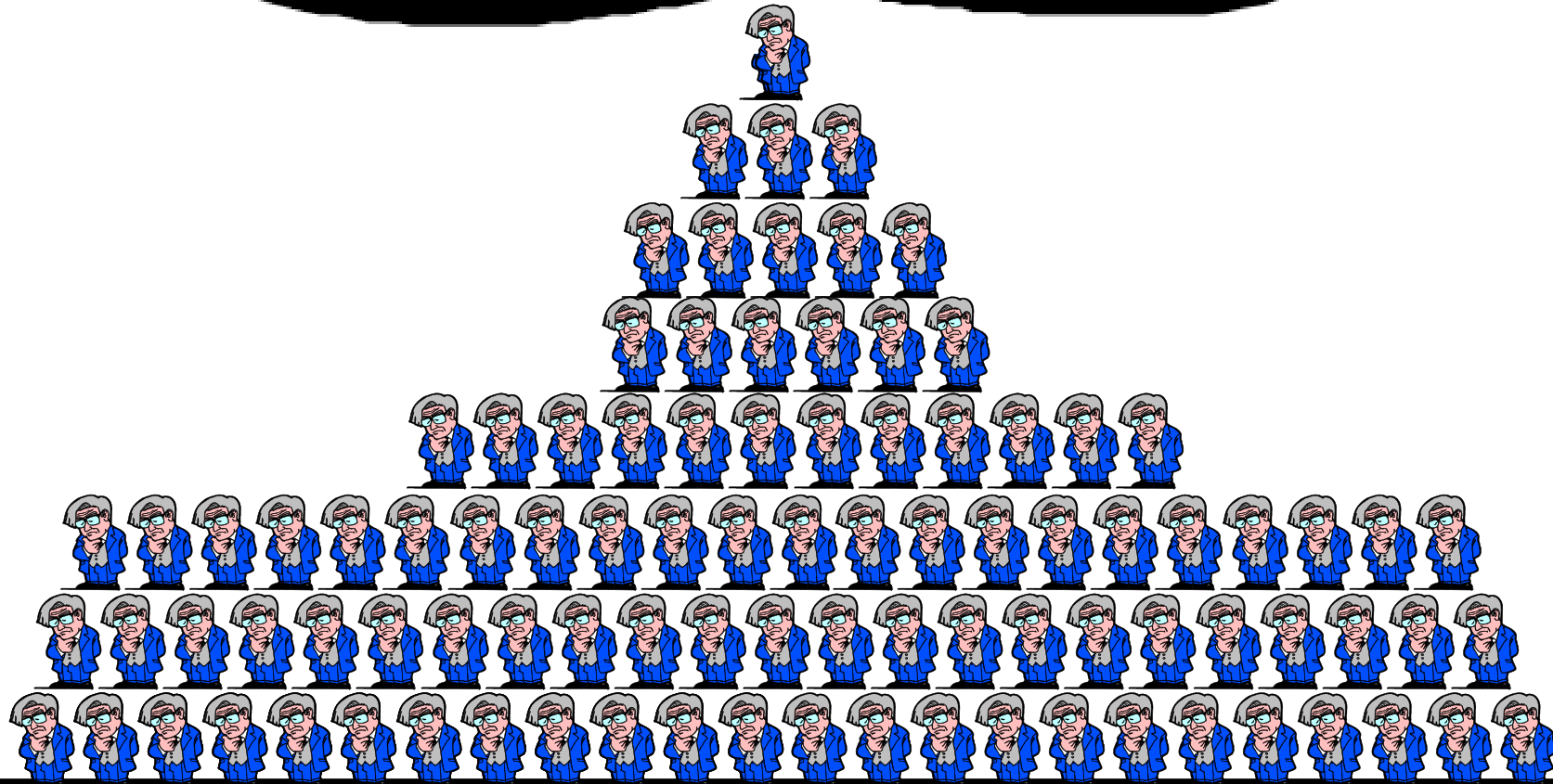
CMRC@IMSS/KEK



Large Facility (Accelerator, Reactor etc.)

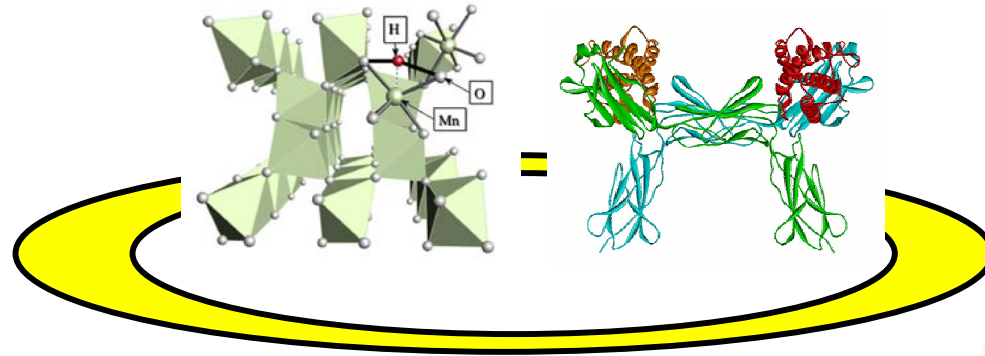


A Large Science !

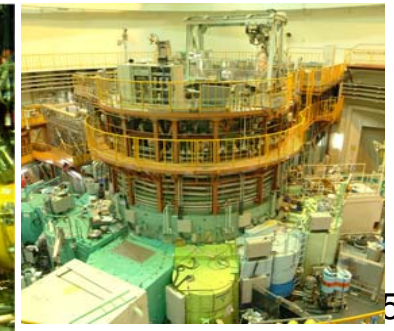
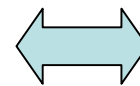
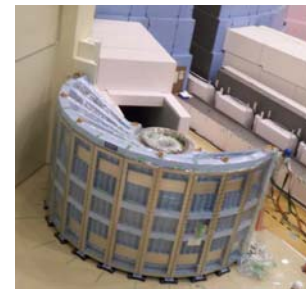
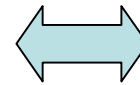
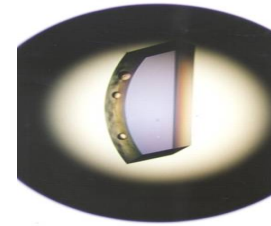
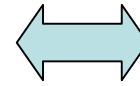
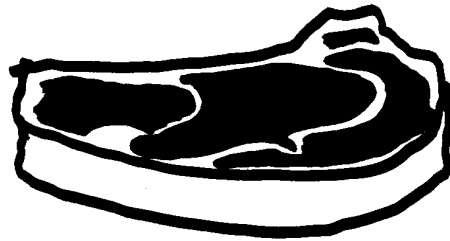


A Large Facility (Accelerator etc.)

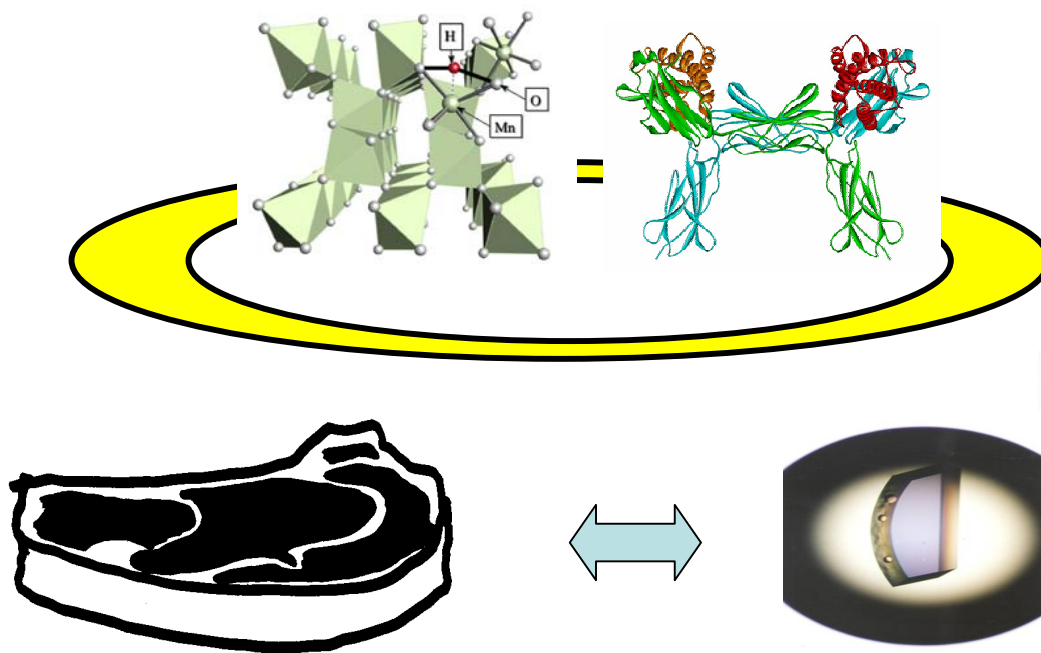
How to Cook a Delicious Meal



Small Science at Large Facility



**How to Cook
a Delicious Meal**



**Small Science
at Large Facility**

Quantum Beam Platform at Large

!!!

Congratulation

on

“Condensed Matter Research Center”

構造物性研究センター

to be established at IMSS/KEK in April 2009

!!!



JAEA Tokai Campus (Nov. 2006)