# Notes on Basic Science

# uest for the future

未知への探究

# Memorial issue of the ASRC 20th Anniversary Symposium

**Vol.20** No.1 October 2012



Honor Lecture by Prof. Albert Fert

### **Opening Address**

Hideaki Yokomizo (Executive Director of IAEA)

# **Address by Director General of ASRC**

Sadamichi Maekawa

# Speech by Guest of Honor

Muneyuki Date (First Director General of ASRC)

Peter Fulde (Research Evaluation Committee Member of ASRC)

Hiroshi Ikukawa (Director of Atomic Energy Division, MEXT)

#### **Honor Lecture**

Albert Fert (Nobel Prize Winner in Physics 2007) "Recent developments and emerging directions in spintronics"

## **Memorial Research Report**

Katsuhisa Nishio

"Fusion between heavy nuclei and nuclear fission process"

#### Yoshinori Haga

"Electronic states of URu<sub>2</sub>Si<sub>2</sub> studied using high-quality single crystal growth and high-pressure techniques"

#### Avumi Urushibara

"Induction of genetic instability by DNA damage"

