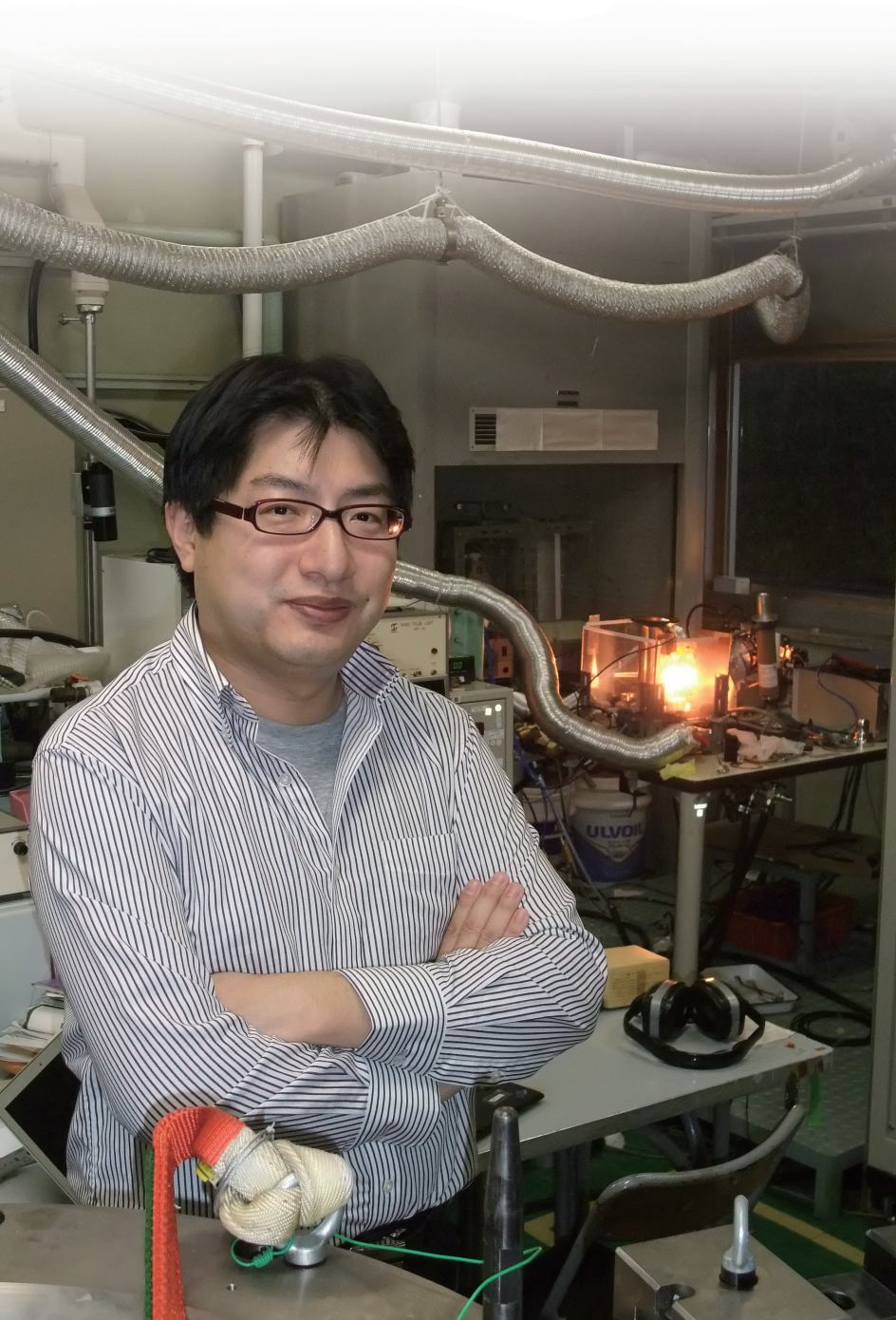


# Quest for the future

未知への探究

Vol.19 No.1 December 2011



**1 Overcome the earthquake disaster**

Sadamichi Maekawa

**2 Interview**

Integrating spin currents into physics of matter

**6 Notes**

Correlation between anomalous quasiparticle scattering and superconductivity in  $\text{URu}_2\text{Si}_2$

Approaching a mystery of doubly closed shell in nuclei

**14 News&Views**

Study of immobilization of heavy elements on biological reaction environment -Perspective of bio-remediation of radioactive waste-

1<sup>st</sup> ASRC International workshop  
“New approach to the exotic phases of actinides compounds under unconventional experimental conditions”

**17 Essay**

Fukushima support

Experiences of a visitor during the earthquake

My visit to Los Alamos National Laboratory this summer

**20 ASRC Schedule**



**Advanced Science Research Center (ASRC)**  
Japan Atomic Energy Agency (JAEA)