

DS02 Workshop at KUR

Date : 29th July(Thursday) – 30th July (Friday)

Place: Conference room at Research Reactor Institute, Kyoto University

◇ 29th July

- 13:30 - 14:00 Executive summary of DS02 development Hasai H.

<Neutron Activation Measurements >

- 14:00-14:20 ¹⁵²Eu, ⁶⁰Co measurement at Hiroshima University Shizuma K.
- 14:20-14:40 ¹⁵²Eu measurement at Kanazawa University (I) Nakanishi T.
- 14:40-15:00 ¹⁵²Eu measurement at Kanazawa University (II) Komura K.
- <Break 15:00-15:20 >
- 15:20-15:40 ³⁶Cl measurement by AMS at Tsukuba University Nagashima Y.
- 15:40-16:00 ⁶³Ni measurement by liquid scintillation Shibata S.
- 16:00-16:20 ¹⁵²Eu- ³⁶Cl intercomparison of Hiroshima samples Hoshi H.
- <Break 16:20-16:40 >

<TL Measurement >

- 16:40-17:00 TL measurements Maruyama T.
- 17:00-17:20 Comparison of TL measurement with DS02 Cullings H.
- < Reception 18:30 >

◇ 30th July (Friday)

<DS02 related works >

- 9:00-9:20 Hypocenter determination Cullings H.
- 9:20-9:40 Measurement of natural neutrons in Hiroshima Endo S.
- 9:40-10:00 Measurement of ⁶³Cu(n,p) ⁶³Ni response function Takamiya K.
- 10:00-10:20 Measurement of water content in granite Iwatani K.
- 10:20-10:40 Measurement of hydrogen content in granite Komatsubara T.
- <Break 10:40 -11:00 >

<DS02 calculation>

- 11:00-11:20 Outline of the calculation system for DS02 Imanaka T.
- 11:20-11:40 Comparison of DS02 calculation with measured data Endo S.
- 11:40-12:00 Application of DS02 to the LSS cohort Fujita S.
- <Lunch 12:00 -13:30 >

<Residual radiation>

- 13:30-13:50 Induced radiation based on DS02 Imanaka T.
- 13:50-14:10 Radiation dose from black rain deposition Shizuma K.
- 14:10-14:30 ²³⁵U/²³⁸U ratio in black rain sample in Hiroshima Fujikawa Y.
- 14:30-14:50 Pu fallout by the Nagasaki bomb Mahara Y.
- 14:50-15:10 Simulation of black rain in Hiroshima and Nagasaki Maruyama T.
- <Break 15:10-15:30 >

<Discussions>

- 15:30-15:50 Unresolved issues and future tasks Hoshi M.
- discussions

◇ 17:00 End