Application form of the JAEA-Tokai Tandem Accelerator facility

Submitted date: 2023/11/30

1. Title:

Nuclear structure study of ultra-heavy nuclei

2. Spokesperson (Affiliation, e-mail):

George Obama (Quark Institute, USA, ….@.....)

3. Partcipants of experiment (Affiliation):

Barack Bush (Gluon Univ., USA), Jiro Aso (Plasma Univ., Japan), ….

4. Beam line and apparatus:

L2, ENMA + GEMINI

5. Requested beam:

Projectile (energy), target, requested beam time (day = 24 hr), preliminary schedule

16O (140, 160 MeV) + 238U ; 1 day × 2 (2008)

16O (160 MeV) + 238U ; 3 days × 1 (2009)

6. Abstract of experiment:

7. Related experiments carried out at the JAEA-Tokai Tandem accelerator facility:

Nuclear structure study of hyper-heavy nuclei (2006-2007)

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Detailed description of the proposal and experiment should be given in separate papers in a free format.