

J-PARC Workshop 2022, Deuterium Science Entering a New Phase, 20th January
Core time: 12:40-13:20 (odd numbers), 13:20-14:00 (even numbers)

Poster No.	Name	Poster Presentation Title
1	Tsuyoshi Yamada	Platinum-Catalyzed Site-Selective H-D Exchange Reaction of Allylic Alcohols
2	Mio Takakuwa	Theoretical analysis on hydrogen-bonded structures of EGFP with multi-component density functional theory
3	Taisei Otake	Pd-catalyzed deuteration of polyethylene glycol
4	Misaki Ueda	Development of a new analytical method for deuterium-labeled compounds using NMR techniques
5	Kazuaki Kuwahata	A path integral molecular dynamics study on the muoniated xanthenethione
6	Tatenuma Kazuki	Theoretical study of H ⁺ /D ⁺ in light/heavy water solvent using path integral molecular dynamics simulation
7	Hiroshi Naka	Deuterated Organocatalysts: Impact of Deuteration of Chiral Phase-Transfer Catalysts on Their Reactivity
8	Naoki Oka	Synthesis of deuterium-labeled ArB(Epin) using catalytic H-D exchange
9	Hiroki Sakagami	Theoretical analysis of H/D isotope effect on CH ₄ /CD ₄ adsorption on Rh(111) surface using combined plane wave and localized basis sets method
10	Shuhei Ohno	Variational calculations for hydrogen isotopes
11	Kosuke Ishii	Analysis of the interfacial structure at the electrochemical liquid/liquid interface using neutron reflectometry
12	Shibazaki Chie	Preparation of large-volume green fluorescence protein (EGFP) crystals for neutron diffraction experiment
13	Kazuhiro Akutsu	Current status of deuteration technology in CROSS laboratory
14	Homare Sonoda	Introduction of iChemical Lab. Corporation