

J-PARC Workshop: Application of Quantum Beams to Food Science



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening remarks

Tuesday, 17 December 2024 13:00 (15 minutes)

Presenter: Prof. SETO, Hideki (IMSS/J-PARC, KEK)

Contribution ID: 2

Type: **not specified**

Neutron scattering applications to food materials

Tuesday, 17 December 2024 13:15 (45 minutes)

Presenter: Prof. GILBERT, Elliot (Australian Center for Neutron Scattering & The University of Queensland)

Contribution ID: 3

Type: **not specified**

Dynamics of Thermal Gelation in Aqueous Solution of Agarose Studied by Quasi-Elastic Neutron Scattering

Tuesday, 17 December 2024 14:00 (30 minutes)

Presenter: Prof. YAMAMURO, Noriko (Tokyo Denki University)

Contribution ID: 4

Type: **not specified**

TBA

Tuesday, 17 December 2024 14:30 (30 minutes)

Presenter: Dr KAMIYA, Tetsu (Nagase & Tohoku University)

Contribution ID: 5

Type: **not specified**

Food science with synchrotron radiation at NanoTerasu

Tuesday, 17 December 2024 16:30 (30 minutes)

Presenter: Prof. HIDAKA, Masafumi (Tohoku University)

Contribution ID: 6

Type: **not specified**

Synchrotron Radiation X-ray Diffraction Study for Cocoa Butter Crystallization with External Stimulation

Tuesday, 17 December 2024 17:00 (30 minutes)

Presenter: Prof. UENO, Satoshi (Hiroshima University)

Contribution ID: 7

Type: **not specified**

Application of imaging technologies for food sciences

Tuesday, 17 December 2024 17:30 (30 minutes)

Presenter: Prof. MATSUKAWA, Shingo (Tokyo Marine University)

Contribution ID: 8

Type: **not specified**

Texture control by understanding nanostructure of semi-hard cheese

Wednesday, 18 December 2024 09:00 (30 minutes)

Presenter: Prof. OHNUMA, Masato (Hokkaido University)

Contribution ID: 9

Type: **not specified**

Microscopic observation of chocolate blooming, using polarized light microscopy and small angle X-ray scattering

Wednesday, 18 December 2024 09:30 (30 minutes)

Presenter: Prof. KOIZUMI, Satoshi (Ibaraki University)

Contribution ID: **10**

Type: **not specified**

Interface structure of ovalbumin aqueous solution in merengue foams

Wednesday, 18 December 2024 10:00 (30 minutes)

Presenter: Prof. KAWABATA, Youhei (Rakuno Gakuen University)

Contribution ID: **11**

Type: **not specified**

TBA

Wednesday, 18 December 2024 10:50 (30 minutes)

Presenter: Dr GEONZON, Lester (The University of Tokyo)

Contribution ID: **12**

Type: **not specified**

TBA

Wednesday, 18 December 2024 11:20 (30 minutes)

Presenter: Dr MIKI, Hiromi (KEK)

Contribution ID: 13

Type: **not specified**

Food science challenge of spectroscopic neutron imaging at HUNS

Wednesday, 18 December 2024 11:50 (30 minutes)

Presenter: Prof. SATO, Hirotaka (Hokkaido University)

Contribution ID: 14

Type: **not specified**

Closing remarks

Wednesday, 18 December 2024 12:20 (5 minutes)

Presenter: Prof. SETO, Hideki (IMSS/J-PARC, KEK)