

Super-FRS EC Meeting September 16-19

Tuesday 16 Sep. Management Board Meeting (9:00-12:30)

9:00-12:30 Members of the Management Board

Coffee Break 10:30-11:00 & Lunch 12:30-14:00

Tuesday 16 Sep. Plenary I (14:00-16:00) Future Directions

14:00-14:40 Gabriel Martinez Pinedo
Nuclear physics challenges for r-process nucleosynthesis
14:40-15:20 Markus Kortelainen
Nuclear energy density functionals: Construction and future directions
15:20-16:00 Dario Vretenar
Dynamics and correlations of multinucleon transfer and induced fission

Coffee Break 16:00-16:30

Tuesday 16 Sep. Plenary II (16:30-18:15) Future directions

16:30-16:45 Ali Mollaebrahimi
Mass measurements with FRS-IC and Super-FRS-IC
16:45-17:00 Jianwei Zhao (Remote)
Isomers
17:00-17:15 Paul Constantin
MNT and Pxn research at Super-FRS
17:15-17:30 Daler Amanbayev
Fission (fission yields, beta-delayed fission)
17:30-17:45 Gabriella Kripko-Koncz
Radioactive molecules – sensitive probes for fundamental physics research
17:45-18:00 Soumya Bagchi (Remote)
Charge radii and PDR
18:00-18:15 Ivan Mukha
EXPERT Physics

Dinner 18:30-20:30

Wednesday 17 Sep. Plenary III (9:00-10:30) Update on FAIR matters

9:00-9:35 Inti Lehman (FAIR Status)
9:35-9:55 Zsolt Podolyak (NUSTAR status)
9:55-10:10 Nasser Kalantar (Super-FRS EC status)
10:10-10:30 Helena Albers (NUSTAR technical status)

Coffee Break 10:30-11:00

Wednesday 17 Sep. Plenary IV (11:00-12:40) Technical Developments

11:00-11:20 Oleg Kiselev
“Technical developments for EXPERT”

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| 11:20-11:40 | Elisa Maria Gandolfo
"The LISA active target project" |
| 11:40-12:00 | Satoru Terashima
"Tensor-force Project at Super-FRS" |
| 12:00-12:20 | Kenta Itahashi
"RCNP magnet-WASA2 at (Super-)FRS" |
| 12:20-12:40 | Take Saito
"New cryogenic system for the RCNP magnet" |

Lunch 12:40-14:00

Wednesday 17 Sep. Plenary V (14:00-15:10) Technical developments

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| 14:00-14:20 | Timo Dickel
"FRS Ion Catcher: Upgrades and perspectives with and without beam" |
| 14:20-14:40 | Wolfgang Plaß
"The Super-FRS Ion Catcher in Early Science/First Science & Beyond" |
| 14:40-15:10 | Emma Haettner
"FRS developments, new detectors" |

Coffee Break 15:15-16:00

Wednesday 17 Sep. Plenary VI (16:00-18:00) Future directions

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| 16:00-16:15 | Sivaji Purushotaman
Atomic collisions |
| 16:15-16:30 | Tuomas Grahn
"Cross section and new isotopes search" |
| 16:30-16:45 | Kenta Itahashi
"Hadron physics opportunities using exotic beams at (Super-)FRS" |
| 16:45-17:00 | Take Saito
"Beyond the WASA-FRS experiment for hypernuclear studies" |
| 17:00-17:15 | Ritu Kanungo
RMS radii |
| 17:15-17:30 | Emmanuele Vardaci
X6 future program |
| 17:30-18:00 | General Discussion on the future directions |

Dinner 18:30-20:30

Thursday 18 Sep. Plenary VII (9:00-10:30) Analysis Results

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| 9:00-9:15 | Stephane Pietri
S468 |
| 9:15-9:30 | Gabriella Kripko-Koncz
S482 (First-time broadband mass meas. of n-deficient light lanthanides and discovery of isotopes) |
| 9:30-9:45 | Jasmiina Ahokas (Remote)
0180 |
| 9:45-10:00 | Take Saito
S447 |
| 10:00-10:15 | Kenta Itahashi
S490 |
| 10:15-10:30 | Paul Constantin
0117 + 0179 (MNT analysis Results) |

Coffee Break 10:30-11:00

Thursday 18 Sep. Plenary VIII (11:00-12:30) Analysis Results

11:00-11:15 Rinku Kumar Parajapat
S533
11:15-11:45 Wolfgang Plaß
S474+S526+0056
11:45-12:00 Justus Eder
0100
12:00-12:30 Jianwei Zhao (Remote)
S530 + 0182

Lunch 12:30-14:00

Thursday 17 Sep. Plenary IX (14:00- 15:45) Analysis results and recent experiments

14:00-14:10 Nic Hubbard
S511+0160
14:10-14:25 Suraj Kumar Singh
S450
14:25-14:40 Xiaodong Xu (Remote)
"First Observation of Three-Proton Emitter ^{20}Al and Search for Two-Proton Radioactivity of ^{34}Ca "
14:40-14:50 Timo Dickel
0150
14:50-15:00 Sergey Belogurov
0111+0115
15:00-15:15 Emmanuele Vardaci
0174 + U323
15:15-15:25 Rinku Kumar Prajapat
0174+ (alpha spec)
15:25-15:35 Ritu Kanungo
0027
15:35-15:45 Israel Mardor
0027+ (PXN)0027

Coffee Break 15:45-16:15

Thursday 18 Sep. Collaboration Board Meeting (16:15-18:15)

16:15-18:15 Representatives of institutes

Collaboration Dinner (Hotel zum Löwen) 18:30-21:00

Friday 19 Sep. Management Board Meeting (9:00-12:00)

9:00-12:00 Members of the Management Board

Coffee Break 10:30-11:00 & Lunch 12:00-13:30