

Agenda for the 43. Meeting of the GSI General Advisory Committee (G-PAC)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Biophysics Proposal

20'+20'

Presenter: FRIEDRICH, T.

Contribution ID: 1

Type: **not specified**

Material Science Proposal

20'+20'

Presenter: TRAUTMANN, C.

Contribution ID: 2

Type: **not specified**

Plasmaphysics Proposal

15'+15'

Presenter: BLAZEVIC, A.

Contribution ID: 3

Type: **not specified**

SHE

25'+25'

Presenters: DUELLMANN, C.; BLOCK, M.

Contribution ID: 4

Type: **not specified**

SHE

10'+10'

Presenter: HOFMANN, S.

Contribution ID: 5

Type: **not specified**

mCBM/HADES

Contribution ID: 6

Type: **not specified**

UNILAC/SHE

Contribution ID: 7

Type: **not specified**

NUSTAR/Gamma Spectroscopy

Contribution ID: 8

Type: **not specified**

NUSTAR: Reactions, R3B + FRS

Contribution ID: 9

Type: **not specified**

AP (ESR/CRYRING)

Contribution ID: **10**

Type: **not specified**

NUSTAR (ESR/CRYRING)

Contribution ID: **11**

Type: **not specified**

Closing Session of G-PAC

Discussion of proposals presented this morning;
Ranking of proposals, preparation of recommendations;
Feedback to Directorate

Contribution ID: 12

Type: **not specified**

Introduction and Welcome by Paolo Giubellino (and Beam Time Coordinator)

Contribution ID: 13

Type: **not specified**

Welcome of Directorate and Chair of G-PAC

Contribution ID: 14

Type: **not specified**

Discussion of G-PAC referee's assignments and proposals presented this afternoon

Contribution ID: 15

Type: **not specified**

Discussion of proposals presented this day (morning + afternoon)

Contribution ID: 16

Type: **not specified**

Introduction and Welcome by Paolo Giubellino

Tuesday, 19 September 2017 12:30 (1 hour)

Session Classification: Closed Session for all PACs

Contribution ID: 17

Type: **not specified**

Welcome of Directorate and Chair of G-PAC

Tuesday, 19 September 2017 13:30 (10 minutes)

Session Classification: Open Session G-PAC

Contribution ID: **18**

Type: **not specified**

NUSTAR/Gamma Spectroscopy:

Contribution ID: 19

Type: **not specified**

Feedback to the Directorate

Thursday, 21 September 2017 17:30 (30 minutes)

Session Classification: Closing Session of G-PAC (Closed Session)

Contribution ID: 20

Type: **not specified**

DESPEC overview and strategy

Wednesday, 20 September 2017 15:45 (15 minutes)

10'+5' for S445_Podolyak

Presenter: GERL, J.

Session Classification: Open Session NUSTAR/DESPEC

Contribution ID: 21

Type: **not specified**

Experiments with DTAS

Wednesday, 20 September 2017 16:00 (20 minutes)

10+10 for S462_Tain, S449_Gerl

Presenter: TAIN, J.

Session Classification: Open Session NUSTAR/DESPEC

Contribution ID: 22

Type: **not specified**

Experiments with FATIMA

Wednesday, 20 September 2017 16:20 (40 minutes)

30'+10' discussion for S452_Witt, S476_Fraile, S460_Morales, S453_Lozeva

Presenter: REGAN, P.

Session Classification: Open Session NUSTAR/DESPEC

Contribution ID: 23

Type: **not specified**

Experiments with DEGAS

Wednesday, 20 September 2017 17:00 (30 minutes)

20'+10' discussion for S450_Podolyak, S456_Recchia, S448_Pai

Presenter: PODOLYAK, Zs.

Session Classification: Open Session NUSTAR/DESPEC

Contribution ID: 24

Type: **not specified**

S471_mCBM

Tuesday, 19 September 2017 13:40 (20 minutes)

15'+5'

Presenter: HERRMANN, N.

Session Classification: Open Session CBM/HADES

Contribution ID: 25

Type: **not specified**

S477_HADES

Tuesday, 19 September 2017 14:00 (30 minutes)

25'+5'

Presenter: STROTH, J.

Session Classification: Open Session CBM/HADES

Contribution ID: 26

Type: **not specified**

GSI-Intern Proposals SHE Chemistry

Tuesday, 19 September 2017 15:15 (20 minutes)

U307_Khuyagbaatar, U308_Yakushev (15'+5')

Presenter: DUELLMANN, C. E.

Session Classification: Open Session UNILAC

Contribution ID: 27

Type: **not specified**

GSI-Extern Proposals SHE Chemistry

Tuesday, 19 September 2017 15:35 (15 minutes)

U310_Rudolph (10'+5')

Presenter: RUDOLPH, D.

Session Classification: Open Session UNILAC

Contribution ID: **28**

Type: **not specified**

GSI-Intern Proposals SHE Physics

Tuesday, 19 September 2017 15:50 (20 minutes)

U312_Block, U309_Mistry (15'+5')

Presenter: BLOCK, M.

Session Classification: Open Session UNILAC

Contribution ID: 29

Type: **not specified**

GSI-Extern Proposals SHE Physics

Tuesday, 19 September 2017 16:10 (15 minutes)

U313_Laattiaoui, U314_Raeder (10'+5')

Presenter: LAATIAOUI, M.

Session Classification: Open Session UNILAC

Contribution ID: **30**

Type: **not specified**

plus discussion

Contribution ID: 31

Type: **not specified**

R3B - 2018 COMMISSIONING (CALIFA, L3T, GLAD, NeuLAND & Tracking)

Wednesday, 20 September 2017 09:00 (20 minutes)

15'+5' for S444_Gernhäuser

Presenter: GERNHÄUSER, R.

Session Classification: Open Session NUSTAR/R3B

Contribution ID: 32

Type: **not specified**

Dipole response of dripline nuclei / Symmetry energy

Wednesday, 20 September 2017 09:20 (20 minutes)

15'+5' for S465_Aumann, S473_Aumann

Presenter: AUMANN, T.

Session Classification: Open Session NUSTAR/R3B

Contribution ID: 33

Type: **not specified**

C-12(alpha,gamma)O-16 astrophysical reaction rate

Wednesday, 20 September 2017 09:40 (10 minutes)

5'+5' for S454_Heil

Presenter: HEIL, M.

Session Classification: Open Session NUSTAR/R3B

Contribution ID: 34

Type: **not specified**

Spatial structure of neutron-rich B isotopes

Wednesday, 20 September 2017 09:50 (10 minutes)

5'+5' for S478_Khanzadeev

Presenter: KISELEV, O.

Session Classification: Open Session NUSTAR/R3B

Contribution ID: 35

Type: **not specified**

Structure of Be-13 / Multi-neutron configurations in nuclei towards the drip line

Wednesday, 20 September 2017 10:00 (20 minutes)

15'+5' for S441_Tengblad, S442_Sorlin

Presenter: SORLIN, O.

Session Classification: Open Session NUSTAR/R3B

Contribution ID: 36

Type: **not specified**

Evolution of nuclear structure east of Pb via (p,2p) / Single-particle structure of neutron-rich Ca isotopes via (p,2p)

Wednesday, 20 September 2017 10:20 (20 minutes)

15'+5' for S466_Kröll, S467_Paschalis

Presenter: PASCHALIS, S.

Session Classification: Open Session NUSTAR/R3B

Contribution ID: 37

Type: **not specified**

Fission investigations with the advanced SOFIA@R3B setup

Wednesday, 20 September 2017 10:40 (20 minutes)

15'+5' for S455_Taieb

Presenter: TAIEB, J.

Session Classification: Open Session NUSTAR/R3B

Contribution ID: **38**

Type: **not specified**

S443_Mukha (4p decay) + S459_Chudoba (2p decay)

Wednesday, 20 September 2017 12:45 (20 minutes)

(16'+5')

Presenter: MUKHA, I.

Session Classification: Open Session NUSTAR S-FRS

Contribution ID: 39

Type: **not specified**

**S447_Saito (hypernuclei) + S457_Itahashi (☒') +
S463_Benlliure (ND)**

Wednesday, 20 September 2017 13:05 (30 minutes)

(24'+6')

Presenter: SAITO, T.

Session Classification: Open Session NUSTAR S-FRS

Contribution ID: 40

Type: **not specified**

S474_Plass (detector test) + S475_Dickel (MNT reactions)

Wednesday, 20 September 2017 13:35 (20 minutes)

(16'+5')

Presenter: DICKEL, T.

Session Classification: Open Session NUSTAR S-FRS

Contribution ID: 41

Type: **not specified**

S446_Kanungo (n-skin and EoS)

Wednesday, 20 September 2017 13:55 (10 minutes)

(7'+3')

Presenter: KANUNGO, R.

Session Classification: Open Session NUSTAR S-FRS

Contribution ID: 42

Type: **not specified**

S472_Mardor (beta-delayed neutrons)

Wednesday, 20 September 2017 14:05 (15 minutes)

(8'+4')

Presenter: MARDOR, I.

Session Classification: Open Session NUSTAR S-FRS

Contribution ID: 43

Type: **not specified**

S468_Pietri (isotopes) + S469_Purushothaman (gas-solid effect)

Wednesday, 20 September 2017 14:20 (20 minutes)

(16'+5')

Presenter: PIETRI, S.

Session Classification: Open Session NUSTAR S-FRS

Contribution ID: 44

Type: **not specified**

Introduction

Thursday, 21 September 2017 09:00 (15 minutes)

Presenter: STÖHLKER, Th.

Session Classification: Open Session ESR/Cryring (I)

Contribution ID: 45

Type: **not specified**

I. QED (simple atomic systems)

Thursday, 21 September 2017 09:15 (35 minutes)

25'+10' for E138_Weber, E125_Trassinelli, E137_Bräuning-Demian, E129_Rothhardt, E136_Winters

Presenter: TRASSINELLI, M.

Session Classification: Open Session ESR/Cryring (I)

Contribution ID: 46

Type: **not specified**

II. QED magnetic sector: Hyperfine

Thursday, 21 September 2017 09:50 (20 minutes)

15'+5' for E130_Quint, E128_Nörtershäuser

Presenter: NÖRTERSHÄUSER, W.

Session Classification: Open Session ESR/Cryring (I)

Contribution ID: 47

Type: **not specified**

III. Test of atomic structure theory (many electron systems)

Thursday, 21 September 2017 10:10 (20 minutes)

15'+5' for E126_Kraft-Bermuth, E135_Winters, E131_Schippers

Presenter: SCHIPPERS, S.

Session Classification: Open Session ESR/Cryring (I)

Contribution ID: 48

Type: **not specified**

IV. Strong field dynamics and collective effects

Thursday, 21 September 2017 11:45 (20 minutes)

15'+5' for E132_Hagmann, E133_Petridis, E126_Hillenbrand

Presenter: HILLENBRAND, P.M.

Session Classification: Open Session ESR/CRYRING (II)

Contribution ID: 49

Type: **not specified**

V. Border between atomics and nuclear physics

Thursday, 21 September 2017 12:05 (20 minutes)

15'+5' for E123_Brandau, E121_Litvinov, E122_Walker

Presenter: LITVINOV, Y.

Session Classification: Open Session ESR/CRYRING (II)

Contribution ID: 50

Type: **not specified**

VI. Nuclear astrophysics & atomic physics techniques

Thursday, 21 September 2017 12:25 (20 minutes)

15'+5' for E127_Reifarth, S461_Bruno

Presenter: WOODS, Ph.

Session Classification: Open Session ESR/CRYRING (II)