

**Bericht vom Product-Owner
für: BBS**
alias Pulszentrale

- Wie läuft die Zusammenarbeit mit den Entwicklern ?
 - *verständnissvoll, freundlich*

- Wie läuft die Zusammenarbeit mit den Stakeholdern (MKs & Betrieb)?
 - *verständnissvoll, freundlich, bestätigend*

- Was waren die letzten Fortschritte/ Erfolge?
 - *man hört mir noch zu*
 - *optische Verbesserungen bsp. Unterscheidung aktivierter Schaltflächen im Grauton*
 - *bedienungserleichterung*

- Wo gibt es Verbesserungsbedarf im Prozess/ der Zusammenarbeit?
 - *mehr präsenz im HKR / FCC*
 - *mitwirken beim Operating um die Stolpersteine und Missverständnisse hautnah zu erleben*

Aktuellste Screenshot 1

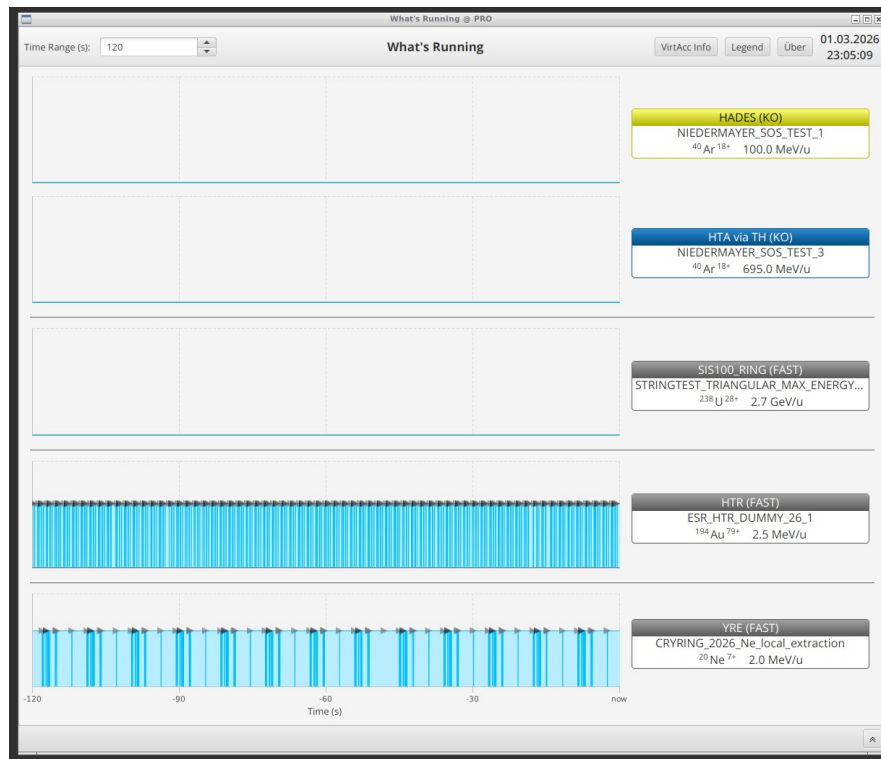
wie es begann



BSS Control @ PRO

Kontexte koppeln/entkoppeln de Über 01.03.2026 23:04:19

US3 via SU UL_US3_Tests_6 $^{186}\text{W}^{24+}$ 1.393 MeV/u i	YRE (FAST) CRYRING_2026_Ne_local_extraction $^{20}\text{Ne}^{7+}$ 2.0 MeV/u i	UCW via UN WR26_UN_UN_UCW $^{40}\text{Ar}^{8+}$ 1.402 MeV/u i	HTA via TH (KO) NIEDERMAYER_SOS_TEST_3 $^{40}\text{Ar}^{18+}$ 695.0 MeV/u NR	HADES (KO) NIEDERMAYER_SOS_TEST_1 $^{40}\text{Ar}^{18+}$ 100.0 MeV/u NR	UY7 via SU WR26_UN_UY7_20260129_U02 $^{40}\text{Ar}^{11+}$ 8.624 MeV/u NR
GUS4MK6 via UN WR26_UN_UN7_Choppertest_12 $^{40}\text{Ar}^{8+}$ 1.402 MeV/u i	SIS18 via SU, TKU WR_UL_TKU_186W_8 $^{186}\text{W}^{61+}$ 11.424 MeV/u i	UM3 via SU WR26_UN_UM3_N_13 $^{40}\text{Ar}^{11+}$ 11.424 MeV/u R	UL_TO_GUH1MU2 via UL UL_UH1_Tests_5 $^{186}\text{W}^{4+}$ 0.002 MeV/u i	US3 via SU WR26_UN_SU_US3 $^{40}\text{Ar}^{11+}$ 1.393 MeV/u i	HTR (FAST) ESR_HTR_DUMMY_26_1 $^{194}\text{Au}^{79+}$ 2.5 MeV/u R
GUS4MK6 via UN WR26_UN_UN7_Test_20260121 $^{40}\text{Ar}^{8+}$ 1.402 MeV/u i	SIS100_RING (FAST) STRINGTEST_TRIANGULAR_MAX_ENERGY_EXTRACTED1 $^{238}\text{U}^{28+}$ 2.7 GeV/u i				



Aktuellste Screenshot 3

sind wir nicht alle Experten ?



BSS Client Expert App @ PRG

BSS Patterns: Unilac, ESR_BssPattern, CRYRING_BssPattern

Search: e.g. SIS18 LSA (or-ed)

BSS Contexts:

Signal types: TARGET_REQUESTED_BY_EXPERIMENT, BEAM_REQUESTED_BY_E...

Signal state: ☐ On ☐ Off ☒ Any

TARGET_REQUESTED_BY_EXPERIMENT

- ☒ TARGET_REQUESTED_BY_EXPERIMENT_ESR
- ☒ TARGET_REQUESTED_BY_EXPERIMENT_HADES
- ☒ TARGET_REQUESTED_BY_EXPERIMENT_HFS
- ☒ TARGET_REQUESTED_BY_EXPERIMENT_HHT
- ☒ TARGET_REQUESTED_BY_EXPERIMENT_HTA
- ☒ TARGET_REQUESTED_BY_EXPERIMENT_HTC
- ☒ TARGET_REQUESTED_BY_EXPERIMENT_HTD
- ☒ TARGET_REQUESTED_BY_EXPERIMENT_HTM

BEAM_REQUESTED_BY_EXPERIMENT

PATTERN_ENABLED_BY_OP

- ☒ CRYRING_BssPattern_PATTERN_ENABLED_BY_OP
- ☒ ESR_BssPattern_PATTERN_ENABLED_BY_OP
- ☒ Unilac_PATTERN_ENABLED_BY_OP

CHAIN_ENABLED_BY_LSA

- ☒ CRYRING_2026_Ne_local_extraction_CHAIN_ENABLED_BY_LSA
- ☒ ESR_HTR_DUMMY_26_1_CHAIN_ENABLED_BY_LSA
- ☒ NIEDERMAYER_SOS_TEST_1_CHAIN_ENABLED_BY_LSA
- ☒ NIEDERMAYER_SOS_TEST_3_CHAIN_ENABLED_BY_LSA
- ☒ STRINGTEST_TRIANGULAR_MAX_ENERGY_EXTRACTED1_CHAIN_ENA...
- ☒ UL_UH1_Tests_5_CHAIN_ENABLED_BY_LSA
- ☒ UL_US3_Tests_6_CHAIN_ENABLED_BY_LSA

CHAIN_ENABLED_BY_OP

- ☒ CRYRING_2026_Ne_local_extraction_CHAIN_ENABLED_BY_OP
- ☒ ESR_HTR_DUMMY_26_1_CHAIN_ENABLED_BY_OP
- ☒ NIEDERMAYER_SOS_TEST_1_CHAIN_ENABLED_BY_OP
- ☒ NIEDERMAYER_SOS_TEST_3_CHAIN_ENABLED_BY_OP
- ☒ STRINGTEST_TRIANGULAR_MAX_ENERGY_EXTRACTED1_CHAIN_ENA...
- ☒ UL_UH1_Tests_5_CHAIN_ENABLED_BY_OP
- ☒ UL_US3_Tests_6_CHAIN_ENABLED_BY_OP
- ☒ WR26_UH_UNT_ChopperTest_12_CHAIN_ENABLED_BY_OP

ALL_SKIP_ENABLED

- ☒ ESR_HTR_DUMMY_26_1_ALL_SKIP_ENABLED

ALL_BREAKS_ENABLED

BREAK_ENABLED

WAIT_FOR_MANIP_BY_OP

- ☒ CRYRING_2026_Ne_local_extraction2_WAIT_FOR_MANIP_BY_OP

WAIT_FOR_MANIP_SAFE

- ☒ CRYRING_2026_Ne_local_extraction2_WAIT_FOR_MANIP_SAFE

PERFORM_MANIP

- ☒ CRYRING_2026_Ne_local_extraction2_PERFORM_MANIP

SKIP_ENABLED

- ☒ ESR_HTR_DUMMY_26_1_1_SKIP_ENABLED
- ☒ ESR_HTR_DUMMY_26_1_3_SKIP_ENABLED

COUPLED_BEAM_REQUEST_ENABLED

FIRE_AND_FORGET_NOTIFY_ENABLED

Refreshed: 01.03.2026 23:08:43

PatternApp @ PRO

Refresh Patterns Über

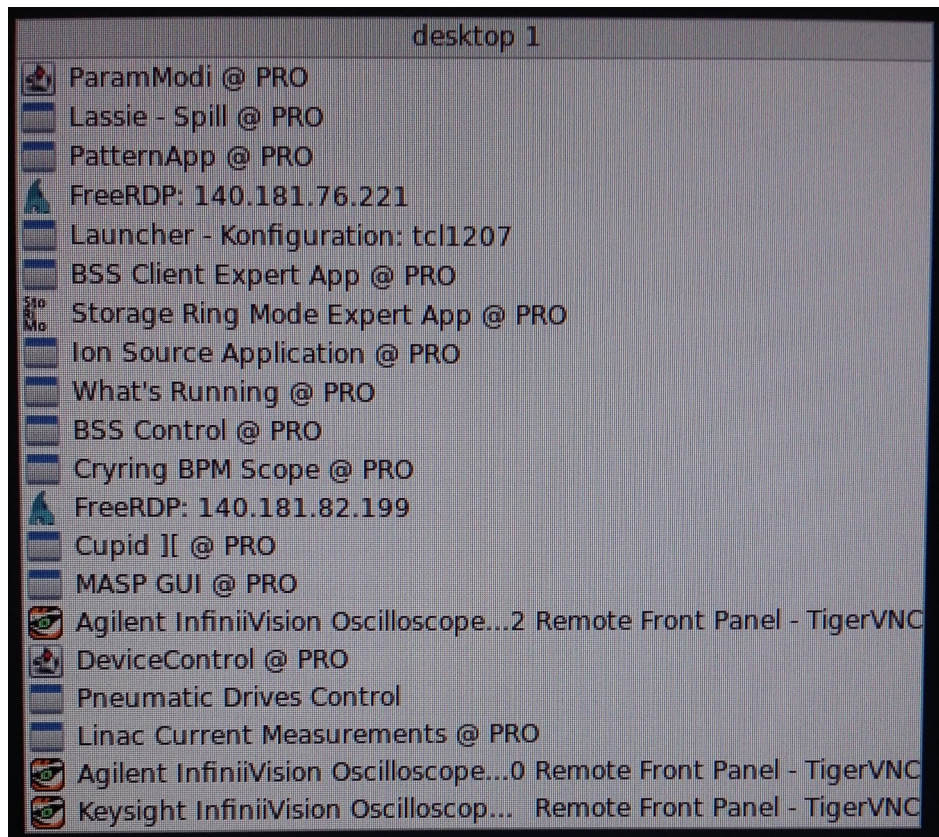
Temporary Expert Pattern Management App for ESR/HITRAP, Crying, SIS100

Only add one chain per "accelerator" in the Scheduling App!

- "Add all" will create or change an existing BssPattern and add all chains found.
- "Add only NOP" only adds the "No OPeration" chain, you will have simple timing with GAPs.
- "Remove Pattern" will remove the pattern (no timing anymore).

ESR / HITRAP	Crying	SIS 100
Add all Add only NOP Remove Pattern ESR_HTR_DUMMY_26_1 ESR_NOP	Add all Add only NOP Remove Pattern CRYRING_2026_Ne_local_extraction YR_NOP	Add all Add only NOP Remove Pattern

Up arrow icon



Die vom Product-Owner und Mannschaft priorisierten Anpassungen/ Upgrades/ Bug-Fixes/ Feature-Requests und deren aktueller Status

Offene/ ungeklärte Fragen

- ... handling des neuen Kontrollsystem ?
- ... Hintergrundinformation fehlt
- ... Stabilisierung !
- ... Betriebserfahrung ?
- ... was macht was ?
- ... welche Programme sind (noch) nötig ?
- ... Faben / Symbole / Nomenklatur / Benennung / Anordnung ?
- ... Eingabeformat
- ... Übersichtlichkeit sollte angestrebt werden ...